

CONFIDENTIAL

CIGARETTE INFORMATION REPORT

4-5 1992



PHILIP MORRIS
EUROPE MIDDLE EAST AFRICA
QUALITY ASSURANCE

2001 NEUCHÂTEL/SWITZERLAND

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Issue: 4-5/1992

Date: July 14, 1992

Prepared by: T. Bachmann

Approved by: F. Senehi

T. Bachmann
F. Senehi

2500077752

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H I G H L I G H T S

INTRODUCTION

Please note that all the smoke delivery results reported in this CIR were determined according to new ISO standards.

Brands which have not yet been analysed according to new ISO standards are not reported in this issue.

NEW PM BRANDS

New PM brands were launched on the following markets:

Hungary :	Multifilter 100's (Eger)
Ireland :	Raffles 100's (Carroll)
Italy :	Multifilter Ultra Lights 100's (Munich) Philip Morris Super Lights 100's (Munich)
Poland :	L & M KS (Serrières)

MODIFICATION OF PM BRANDS

Following brands were modified in order to reduce smoke deliveries:

Italy:	Mercedes KS (Firenze production)
Malta:	Muratti Ambassador KS (Serrières production)
Spain:	Marlboro LS (Tabacalera production)
Switzerland:	Champion LS (Onnens production) Marlboro 100's (Serrières production) Mercedes KS (Serrières production)

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BLEND AND CONSTRUCTION MODIFICATIONS

The following competitors' brands were modified and showed a reduction in smoke deliveries:

Belgium:	Belga Extra Legere Reg/F produced by Vander Els]
Italy:	Kim Ultra Slim 100's produced by BAT-DB Lucky Strike Lights KS produced by BAT Rothmans Leggera 100's produced by Turmac
Norway:	Camel KS produced by Reynolds Prince Extra Mild KS produced by Tiedemanns Prince KS produced by Tiedemanns Prince Mild KS produced by Tiedemanns
Saudi Arabia:	London KS produced by St Paul's Silk Cut Ultra Low Tar KS produced by Gallaher]

CHANGE IN PRINTED NUMBERS FOR PM AND COMPETITORS' BRANDS

A change in printed numbers was observed on 17 PM brands and 22 competitors' brands. A table was issued. Please, refer to the pink section.

250007755

QA PME

PRODUCT REPORT

NO. 14/92

BRAND : GITANES BLONDES KS

COUNTRY OF SALE: BELGIUM

RETAIL PRICE : BF 85.00

DATE OF TEST : 05.92

PREPARED BY : *F. Senhi*

F. Senhi

SUMMARY

Line extension brand produced by CINTA.

Values found : Tar/SN = 11.7/0.89

Printed values : Tar/SN = 14.5/1.9

This cigarette is characterized by:

1. Format 84/25/7.95
2. 11 % ventilation
3. 10% expanded tobacco incorporated in the blend
4. Tipping with micro-spray laser perforation.

SMOKE ANALYSIS

GIXCC

Butt length	mm	35
DPM (DRY PARTICULATE MATTER)	mg/cig	12.6
NICOTINE IN SMOKE	mg/cig	0.89
TAR (=TPM-SN-H2O)	mg/cig	11.7
RATIO SN/TAR	%	7.6
PUFF COUNT	No./cig	7.2
CARBON MONOXIDE	mg/cig	11.9
NITROGEN MONOXIDE	mg/cig	0.20

FILLER

Total alkaloids	% dry basis	1.97
Reducing sugars	% dry basis	7.9
Nitrate nitrogen	% dry basis	0.26
Ammonia nitrogen	% dry basis	0.19
Tobacco weight at 12.5 % o.v.	mg/cig	715
Filler density at 12.5 % o.v.	mg/cig	244
O.V. at equilibrium	%	12.4
Stem content	%	9
Expanded or improved stem content	%	3
Reconstituted tobacco content	%	25
Expanded tobacco content	%	10
Non-tobacco smoking material	%	none
Width of cut	mm	0.8

CIGARETTE

Total length	mm	84
Diameter	mm	7.95
Circumference	mm	24.97
Total weight	mg/cig	985
Non-tobacco material weight	mg/cig	251
Resistance to draw	mm H2O	110
Ventilation	%	11

CIGARETTE PAPER

Type		Verg6
Permeability	ml/cm2/min	47
Ventil. syst.		-

TIPPING PAPER

Total length	mm	32
Overlapping length	mm	7
Perforation type		MSLP
Perforation lines	No.	7
Total width of the perforated zone	mm	2.0

FILTER

Length (plug 1/plug 2/plug 3)	mm	25
Weight	mg/filter	198
Type/Material		S/CA
Single denier, section and total denier	plug 1	4.1y/39'500
	plug 2	
	plug 3	
Additive type/content	mg/filter	none
Resistance to draw	mm H2O	62

PACKING

BUNDLE: Display carton: 200 g/m2, CBMP quality, printed in offset

Overwrap: 32 g/m2, transparent polypropylene.

Tear Tape: 2 mm wide, transparent polypropylene.

PACKET: Shell and Slide (box type): 245 g/m2, CBMP quality, printed in gravure, format 109.5 x 168.5 mm, direction of the grain to the length of the packet, 20 cigarettes, collation 2 (2x5).

Overwrap: 20 g/m2, polypropylene 110 mm wide.

Tear tape: 2 mm wide, transparent, polypropylene.

Inner foil: 47 g/m2, paper substance 27 g/m2, foil thickness 0.007 mm, gold, embossed, 63 mm wide.

PACKING CODE: Bundle: NC1
Packet: NC1

2500077757

QA P M E

PRODUCT REPORT

NO. 13/92

BRAND : GITANES BLONDES LEGERES KS

COUNTRY OF SALE: BELGIUM

RETAIL PRICE : FB 85.00

DATE OF TEST : 05.92

PREPARED BY : *René*

F. Senéhi

SUMMARY

Line extension brand produced by Chta.

Values found : Tar/SN = 8.5/0.72

Printed values : Tar/SN = 9.5/0.75

Compared to Gitanes Blondes KS (GIXCC - PR NO. 14/92), the lower smoke deliveries were achieved by:

1. Higher ventilation
2. Higher filter RTD

SMOKE ANALYSIS

	GIWBC	GIXCC
Butt length	mm 35	35
DPM (DRY PARTICULATE MATTER)	mg/cig 9.2	12.6
NICOTINE IN SMOKE	mg/cig 0.72	0.89
TAR (=TPM-SN-H2O)	mg/cig 8.5	11.7
RATIO SN/TAR	% 8.5	7.6
PUFF COUNT	No./cig 7.5	7.2
CARBON MONOXIDE	mg/cig 8.8	11.9
NITROGEN MONOXIDE	mg/cig 0.15	0.20

FILLER

Total alkaloids	% dry basis 1.96	1.97
Reducing sugars	% dry basis 7.6	7.9
Nitrate nitrogen	% dry basis 0.27	0.26
Ammonia nitrogen	% dry basis 0.19	0.19
Tobacco weight at 12.5 % o.v.	mg/cig 721	715
Filler density at 12.5 % o.v.	mg/cig 247	244
O.V. at equilibrium	% 12.5	12.4
Stem content	% 9	9
Expanded or Improved stem content	% 7	3
Reconstituted tobacco content	% 21	25
Expanded tobacco content	% 10	10
Non-tobacco smoking material	% none	none
Width of cut	mm 0.8	0.8

CIGARETTE

Total length	mm 84	84
Diameter	mm 7.94	7.95
Circumference	mm 24.94	24.97
Total weight	mg/cig 975	965
Non-tobacco material weight	mg/cig 254	251
Resistance to draw	mm H2O 107	110
Ventilation	% 33	11

CIGARETTE PAPER

Type	Vergé	Vergé
Permeability	ml/cm2/min 44	47
Ventil. syst.	-	-

TIPPING PAPER

Total length	mm 32	32
Overlapping length	mm 7	7
Perforation type	MSLP	MSLP
Perforation lines	No. 8	7
Total width of the perforated zone	mm 3.0	2.0

FILTER

Length (plug 1/plug 2/plug 3)	mm 25	25
Weight	mg/filter 201	198
Type/Material	S/CA	S/CA
Single denier, section and total denier	plug 1 3.5Y/20'500	4.1Y/39'500
	plug 2	
	plug 3	
Additive type/content	mg/filter none	none
Resistance to draw	mm H2O 81	62

PACKING

BUNDLE: Display carton: 225 g/m2, CBMP quality, printed in offset

Overwrap: 30 g/m2, transparent polypropylene.

Tear Tape: 2 mm wide, transparent, polypropylene.

PACKET: Shell and Slide (boxtype): 240 g/m2, CBMP quality, printed in gravure, format 85.5 x 212 mm, direction of the grain to the width of the packet, 20 cigarettes, collation 2 (2x5).

Overwrap: 20 g/m2, polypropylene 109 mm wide.

Tear tape: 2 mm wide, transparent, polypropylene.

Inner foil: 47 g/m2, paper substance 26 g/m2, foil thickness 0.007 mm, gold, embossed, 63 mm wide.

PACKING: Bundle: N01
CODE: Packet: N01

BRAND : BASTOS INT. ULTRA LEGERE K3

COUNTRY OF SALE: FRANCE

RETAIL PRICE : FF 8.80

DATE OF TEST : 05.92

PREPARED BY :

F. Senahi

SUMMARY

Line extension band produced by CINTA.

Values found : Tar/SN = 1.5/0.19

Printed values : Tar/SN = 3.3/0.30

The cigarette is characterized by:

1. High ventilation
2. Medium to high cigarette paper permeability
3. High filter RTD
4. High butt length
5. Very low smoke deliveries

SMOKE ANALYSIS

BBCAC

Butt length	mm	35
DPM (DRY PARTICULATE MATTER)	mg/cig	1.7
NICOTINE IN SMOKE	mg/cig	0.19
TAR (=TPM-SN-H ₂ O)	mg/cig	1.5
RATIO SN/TAR	%	12.1
PUFF COUNT	No./cig	8.7
CARBON MONOXIDE	mg/cig	2.0
NITROGEN MONOXIDE	mg/cig	0.02

FILLER

Total alkaloids	% dry basis	2.31
Reducing sugars	% dry basis	12.2
Nitrate nitrogen	% dry basis	0.08
Ammonia nitrogen	% dry basis	0.07

Tobacco weight at 12.5 % o.v.	mg/cig	730
Filter density at 12.5 % o.v.	mg/cig	253
O.V. at equilibrium	%	12.1

Stem content	%	12
Expanded or improved stem content	%	15
Reconstituted tobacco content	%	4
Expanded tobacco content	%	none
Non-tobacco smoking material	%	none
Width of cut	mm	0.8

CIGARETTE

Total length	mm	84
Diameter	mm	7.90
Circumference	mm	24.81
Total weight	mg/cig	1009
Non-tobacco material weight	mg/cig	282

Resistance to draw	mm H ₂ O	72
Ventilation	%	73

CIGARETTE PAPER

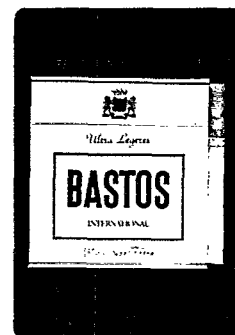
Type	ml/cm ² /min	Vergé
Permeability		74
Ventil. syst.		-

TIPPING PAPER

Total length	mm	32
Overlapping length	mm	7
Perforation type		MLPS
Perforation lines	No.	5
Total width of the perforated zone	mm	3.5

FILTER

Length (plug 1/plug 2/plug 3)	mm	25(17/8)
Weight	mg/filter	230
Type/Material		D/CAP
Single denier, section and total denier	plug 1 plug 2 plug 3	2.6Y/38'500
Additive type/content	mg/filter	none
Resistance to draw	mm H ₂ O	113

PACKING

BUNDLE: Paper with labels on right and left sides, 90 g/m², SBP quality, printed in gravure.

PACKET: Princess (box type): 250 g/m², SBP quality, printed in offset, format 114 x 258 mm, direction of the grain to the width of the packet, 20 cigarettes, collation 2 (2x5).

Overwrap: 24 g/m², polypropylene 115 mm wide.

Tear tape: 2 mm wide, transparent, polypropylene.

Inner foil: 47 g/m², paper substance 25 g/m², foil thickness 0.008 mm, gold, embossed, 63 mm wide.

Inner frame: 240 g/m², white, CBMP quality, 64 mm long, glued on front side.

PACKING CODE: Bundle: -
Packet: 201300

2500077759

BRAND : GAULOISES BLONDES ULT. LEGERES KS

COUNTRY OF SALE: FRANCE

RETAIL PRICE : FF 8.10

DATE OF TEST : 05.92

PREPARED BY : *F. Sené*
F. SenéSUMMARY

Line extension brand produced by SETA.

Values found : Tar/SN = 1.9/0.16

Printed values : Tar/SN = 2.3/0.22

The very low smoke deliveries were achieved by:

1. High ventilation
2. High butt length
3. High filter RTD
4. Low total alkaloid content of tobacco
5. Use of 18 % expanded tobacco in the blend and consequently low filler density.

SMOKE ANALYSIS

GAYAC

Butt length	mm	35
DPM (DRY PARTICULATE MATTER)	mg/cig	2.1
NICOTINE IN SMOKE	mg/cig	0.16
TAR (=TPM-SN-H ₂ O)	mg/cig	1.9
RATIO SN/TAR	%	8.2
PUFF COUNT	No./cig	7.6
CARBON MONOXIDE	mg/cig	3.7
NITROGEN MONOXIDE	mg/cig	0.05

FILLER

Total alkaloids	% dry basis	1.53
Reducing sugars	% dry basis	9.6
Nitrate nitrogen	% dry basis	0.17
Ammonia nitrogen	% dry basis	0.10
Tobacco weight at 12.5 % o.v.	mg/cig	661
Filler density at 12.5 % o.v.	mg/cig	224
O.V. at equilibrium	%	13.1
Stem content	%	9
Expanded or improved stem content	%	10
Reconstituted tobacco content	%	14
Expanded tobacco content	%	18
Non-tobacco smoking material	%	none
Width of cut	mm	0.9

CIGARETTE

Total length	mm	84
Diameter	mm	7.98
Circumference	mm	25.06
Total weight	mg/cig	959
Non-tobacco material weight	mg/cig	293
Resistance to draw	mm H ₂ O	92
Ventilation	%	60

CIGARETTE PAPER

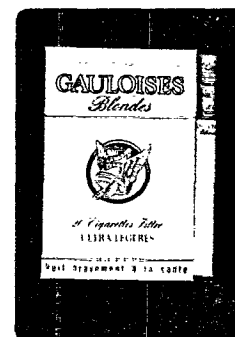
Type		Vergé
Permeability	ml/cm ² /min	44
Ventil. syst.		-

TIPPING PAPER

Total length	mm	32
Overlapping length	mm	7
Perforation type		MLPS
Perforation lines	No.	4
Total width of the perforated zone	mm	2.5

FILTER

Length (plug 1/plug 2/plug 3)	mm	25 (9/16)
Weight	mg/filter	243
Type/Material		D/CAP
Single denier, section and total denier	plug 1	2.9Y/41'500
	plug 2	
	plug 3	
Additive type/content	mg/filter	none
Resistance to draw	mm H ₂ O	107

PACKINGBUNDLE: Paper: 95 g/m², SBP quality, printed in gravure.PACKET: HL (box type): 220 g/m², CBMP quality, printed in offset, format 100 x 244 mm, direction of the grain to the width of the packet, 20 cigarettes, collation 7/8/7.Overwrap: 17 g/m², polypropylene 120 mm wide.

Tear tape: 2 mm wide, transparent with a 12 mm gold end, cellulose film.

Inner foil: 44 g/m², paper substance 26 g/m², foil thickness 0.0065 mm, silver, embossed, 115 mm wide.Inner frame: 240 g/m², white, CBMP quality, 37 mm long, glued on front side.PACKING CODE: Bundle: 0512-a
Packet: NB4BN

2500077760

Q A P M E

PRODUCT REPORT

NO. 16/92


BRAND : GOLDEN AMERICAN KS 25'S

COUNTRY OF SALE: FRANCE

RETAIL PRICE : FF 10.80

DATE OF TEST : 05.92

PREPARED BY


 F. Senéhi
SUMMARY

New brand produced by Turmac (Rothmans).

 Values found : Tar/SN = 14.8/1.00
 Printed values : Tar/SN = 14.9/1.00

 Except for a lower tobacco weight, lower CO value
 and lower cigarette RTD, the analytical results
 corresponded to the same version sold in
 Belgium (Pr 06/92; GNXCC).
SMOKE ANALYSIS

		GNXDC	GNXCC
Butt length	mm	30	30
DPM (DRY PARTICULATE MATTER)	mg/cig	15.9	15.8
NICOTINE IN SMOKE	mg/cig	1.00	0.99
TAR (=TPM-SN-H ₂ O)	mg/cig	14.8	14.8
RATIO SN/TAR	%	6.7	6.7
PUFF COUNT	No./cig	7.9	8.1
CARBON MONOXIDE	mg/cig	11.7	13.8
NITROGEN MONOXIDE	mg/cig	0.15	0.17

FILLER

Total alkaloids	% dry basis	1.59	1.66
Reducing sugars	% dry basis	10.1	9.6
Nitrate nitrogen	% dry basis	0.17	0.19
Ammonia nitrogen	% dry basis	0.13	0.15
Tobacco weight at 12.5 % o.v.	mg/cig	746	784
Filler density at 12.5 % o.v.	mg/cig	242	255
O.V. at equilibrium	%	12.5	12.4
Stem content	%	12	15
Expanded or improved stem content	%	13	9
Reconstituted tobacco content	%	2	4
Expanded tobacco content	%	none	none
Non-tobacco smoking material	%	none	none
Width of cut	mm	0.8	0.8

CIGARETTE

Total length	mm	84	84
Diameter	mm	7.95	7.94
Circumference	mm	24.97	24.94
Total weight	mg/cig	961	998
Non-tobacco material weight	mg/cig	215	215
Resistance to draw	mm H ₂ O	108	115
Ventilation	%	-	-

CIGARETTE PAPER

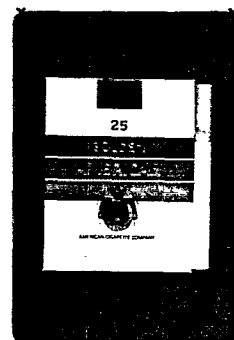
Type		Vergé	Vergé
Permeability	ml/cm ² /min	52	55
Ventil. syst.		-	-

TIPPING PAPER

Total length	mm	26	26
Overlapping length	mm	4	4
Perforation type		-	-
Perforation lines	No.	-	-
Total width of the perforated zone	mm	-	-

FILTER

Length (plug 1/plug 2/plug 3)	mm	22	22
Weight	mg/filter	165	166
Type/Material		S/CA	S/CA
Single denier, section and total denier	plug 1 plug 2 plug 3	3.9Y/38'000	4.0Y/38'000
Additive type/content	mg/filter	none	none
Resistance to draw	mm H ₂ O	49	49

PACKING
BUNDLE: Paper: 80 g/m², SBP quality, printed in gravure.

PACKET: HL (box type): 215 g/m², CBMP quality, printed in gravure, format 112.5 x 246 mm, direction of the grain to the width of the packet, 25 cigarettes, collation 7/27/27.

 Overwrap: 18 g/m², polypropylene 118 mm wide.

Tear tape: 2.5 mm wide, transparent, polypropylene with a 0.3 mm gold line.

 Inner foil: 51 g/m², paper substance 31 g/m², foil thickness 0.007 mm, gold, embossed, 97 mm wide.

 Inner frame: 220 g/m², beige, CBMP quality, 32 mm long, glued on three sides.

PACKING CODE: Bundle: -
 Packet: 00TB24

2500077761

QA P M E

PRODUCT REPORT

NO. 12/92

BRAND : MONTE CARLO 100/F 25's

COUNTRY OF SALE: GERMANY

RETAIL PRICE : DM 4.80

DATE OF TEST : 04.92

PREPARED BY : *F. Senekl*

F. Senekl

SUMMARYNew brand produced by Reynolds DB
(packet of 25 cig.).

Values found : Tar/SN = 14.8/0.92

Printed values : Tar/SN = 17/1.1

The cigarette is characterized by:

1. Format 100/25/7.97
2. No ventilation
3. Medium to high cigarette paper permeability

SMOKE ANALYSIS

MOBAC

Butt length	mm	33
DPM (DRY PARTICULATE MATTER)	mg/cig	15.7
NICOTINE IN SMOKE	mg/cig	0.92
TAR (=TPM - SN - H ₂ O)	mg/cig	14.8
RATIO SN/TAR	%	6.2
PUFF COUNT	No./cig	9.0
CARBON MONOXIDE	mg/cig	15.1
NITROGEN MONOXIDE	mg/cig	0.25

FILLER

Total alkaloids	% dry basis	1.65
Reducing sugars	% dry basis	6.9
Nitrate nitrogen	% dry basis	0.28
Ammonia nitrogen	% dry basis	0.16
Tobacco weight at 12.5 % o.v.	mg/cig	900
Filler density at 12.5 % o.v.	mg/cig	240
O.V. at equilibrium	%	13.4
Stem content	%	9
Expanded or improved stem content	%	6
Reconstituted tobacco content	%	13
Expanded tobacco content	%	none
Non-tobacco smoking material	%	none
Width of cut	mm	0.9

CIGARETTE

Total length	mm	100
Diameter	mm	7.97
Circumference	mm	25.03
Total weight	mg/cig	1171
Non-tobacco material weight	mg/cig	262
Resistance to draw	mm H ₂ O	118
Ventilation	%	-

CIGARETTE PAPER

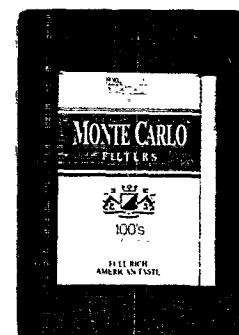
Type		Vergé
Permeability	ml/cm ² /min	70
Ventil. syst.		-

TIPPING PAPER

Total length	mm	30
Overlapping length	mm	5
Perforation type		-
Perforation lines	No.	-
Total width of the perforated zone	mm	-

FILTER

Length (plug 1/plug 2/plug 3)	mm	25
Weight	mg/filter	198
Type/Material		S/CA
Single denier, section and total denier	plug 1	3.4Y/37'000
	plug 2	
	plug 3	
Additive type/content	mg/filter	none
Resistance to draw	mm H ₂ O	66

PACKING

BUNDLE: Display carton (unit with promotional sticker): 390 g/m², CBMP quality, printed in offset.

PACKET: Niepmann (box type): 100 g/m², SBP quality, printed in offset, format 108 x 219 mm, direction of the grain to the length of the packet, 25 cigarettes, collation 8/9/8.

Overwrap: 17 g/m², polypropylene 134 mm wide.

Tear tape: 2 mm wide, transparent, cellulose film.

Inner foil: 58 g/m², paper not separated, gold, not embossed, 100 mm wide.

PACKING CODE: Bundle: -
Packet: AB97A

2500077762

QA PME

PRODUCT REPORT

NO. 11/92

BRAND : CARTIER VENDOME ULTRA LIGHTS LTK

COUNTRY OF SALE: SWITZERLAND

RETAIL PRICE : CHF 3.20

DATE OF TEST : 04.92

PREPARED BY : *F. Senéhi*

F. Senéhi

SUMMARY

Line extension band produced by Sultana.

Values found : Tar/SN = 1.8/0.24

Printed values : Tar/SN = 4/0.4

This cigarette is characterized by:

1. Format 94/25/7.50
2. High level of ventilation
3. High cigarette paper permeability
4. 19% of expanded tobacco in the blend.

SMOKE ANALYSIS

CCPAC

Butt length	mm	33
DPM (DRY PARTICULATE MATTER)	mg/cig	2.0
NICOTINE IN SMOKE	mg/cig	0.24
TAR (=TPM-8N-H ₂ O)	mg/cig	1.8
RATIO SN/TAR	%	13.5
PUFF COUNT	No./cig	8.7
CARBON MONOXIDE	mg/cig	1.8
NITROGEN MONOXIDE	mg/cig	0.03

FILLER

Total alkaloids	% dry basis	1.98
Reducing sugars	% dry basis	10.1
Nitrate nitrogen	% dry basis	0.17
Ammonia nitrogen	% dry basis	0.15
Tobacco weight at 12.5 % o.v.	mg/cig	678
Filler density at 12.5 % o.v.	mg/cig	222
O.V. at equilibrium	%	12.0
Stem content	%	7
Expanded or improved stem content	%	11
Reconstituted tobacco content	%	none
Expanded tobacco content	%	19
Non-tobacco smoking material	%	none
Width of cut	mm	0.8

CIGARETTE

Total length	mm	94
Diameter	mm	7.50
Circumference	mm	23.56
Total weight	mg/cig	881
Non-tobacco material weight	mg/cig	207
Resistance to draw	mm H ₂ O	76
Ventilation	%	74

CIGARETTE PAPER

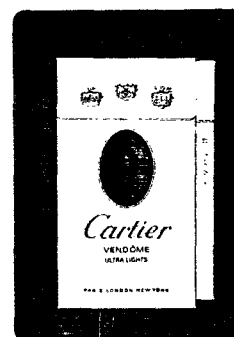
Type		Vergé
Permeability	ml/cm ² /min	115
Ventil. syst.		-

TIPPING PAPER

Total length	mm	29
Overlapping length	mm	4
Perforation type		MLPS
Perforation lines	No.	8
Total width of the perforated zone	mm	6.0

FILTER

Length (plug 1/plug 2/plug 3)	mm	25
Weight	mg/filter	155
Type/Material		S/CA
Single denier, section and total denier	plug 1 plug 2 plug 3	3.0Y/29°500
Additive type/content	mg/filter	
Resistance to draw	mm H ₂ O	86

PACKING

BUNDLE: Display carton with a special opening: 240 g/m², SBP quality, printed in gravure.

Overwrap: 20 g/m², transparent polypropylene.

Tear Tape: 2.5 mm wide, transparent polypropylene with a 0.5 mm gold line.

PACKET: HL (box type): 245 g/m², SBP quality, printed in gravure, format 93.5 x 263 mm, direction of the grain to the width of the packet, 20 cigarettes, collation 7/6/7.

Overwrap: 19 g/m², polypropylene 130 mm wide.

Tear tape: 2.5 mm wide, transparent, polypropylene with a 0.5 mm gold line.

Inner foil: 44 g/m², paper substance 26 g/m², foil thickness 0.0065 mm, gold, embossed, 78 mm wide.

Inner frame: 245 g/m², gold, CBMP quality, 32 mm long, glued on three sides.

PACKING CODE: Bundle: -
Packet: OOTCUF

2500077763

BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	SMOKE	YIELD (MG/CIG)	C O N O (MG/CIG)
AN ANDORRA			T A R		S N		
MLF63	ANDORRA	+MARLBORO	LS F 28	15.2	0.98	15.3	0.22
MLK50	ANDORRA	+MARLBORO KING SIZE	KS F 29	15.8	1.04	15.3	0.23
CER11	ANDORRA	+CHESTER- FIELD NON FILTER	REG NF 23	21.1	1.50	13.2	0.17
AU AUSTRIA			T A R		S N		
MEPAC	ATW LINZ	MEMPHIS LIGHTS	KS F 32	8.1	8.0**	0.52	0.60**
MLX08		+MARLBORO LIGHTS	KS F 32	8.5	9.0**	0.62	0.70**
PDPAC		FALK EXTRA MILD	LS F 28	9.0	9.0**	0.51	0.50**
DAMAC		DAMES	KS F 31	9.8	9.0**	0.65	0.70**
SEXAC		SMART EXPORT	LS F 28	11.2	12.0**	0.64	0.70**
HYBAC		HOBBY	LS F 28	11.2	12.0**	0.73	0.80**
MEUAC	MUNICH	MEMPHIS CLASSIC	KS F 31	11.4	12.0**	0.70	0.70**
HBKBC		HB	KS F 31	13.0	15.0**	0.88	0.90**
CEG06		+CHESTER- FIELD	KS F 29	13.8	15.0**	0.96	0.90**
MLB22	ATW LINZ	+MARLBORO	KS F 31	13.9	15.0**	0.90	0.90**
MHC06	MUNICH	+MARLBORO 100'S	100 F 33	15.0	15.0**	1.06	1.20**
WIBAC		WINSTON	KS F 31	15.2	15.0**	0.90	0.90**
ZA AUSTRAL AFRICA			T A R		S N		
CEB05	PAARL	+CHESTER- FIELD	LS F 28	16.4	17.0**	1.16	1.50**
CEB05	INDUSTRIA	+CHESTER- FIELD	LS F 28	16.4	17.0**	1.19	1.50**
CER05	PAARL	+CHESTER- FIELD NON FILTER	REG NF 23	18.7	19.0**	1.36	1.70**
BE BELGIUM			T A R		S N		
BGCAC	MUNICH	BELGA ULTRA LEGERE	REG F 29	1.8	3.0**	0.19	0.20**
PMU08		+PHILIP MORRIS ULTRA LGTS	KS F 35	2.3	2.0**	0.23	0.20**
BOLAC		BOULE D'OR ULTRA LEGERE	REG F 26	3.1	3.0**	0.27	0.30**
PMS06	BERGEN OZ	+PHILIP MORRIS SUPER L.	KS F 35	3.8	4.0**	0.31	0.30**
PHS02	BERGEN OZ	+PHILIP MORRIS 100 SUPER L.	100 F 39	3.9	4.0**	0.31	0.30**
PSDC		PETER STUYVESANT EXTRA M.	KS F 33	4.5	4.0**	0.39	0.40**
BBACC	BERGEN OZ	BARCLAY 100'S	100 F 35	5.2	6.0**	0.50	0.60**
BAXGC		BARCLAY	KS F 35	5.6	5.0**	0.51	0.50**
MER20		+MERIT	KS F 35	6.7	7.5**	0.47	0.56**
BGEAC	BERGEN OZ	BELGA EXTRA LEGERE	* REG F 29	7.4	8.0**	0.55	0.80**
GIWBC		GITANES BLONDES LEGERES	PR KS F 35	8.5	9.5**	0.72	0.75**
MLX01		+MARLBORO LIGHTS	KS F 35	8.6	9.0**	0.60	0.60**
PML02	IXELLES	+PHILIP MORRIS LIGHTS	KS F 35	8.7	9.0**	0.63	0.60**
DHECC	BERGEN OZ	DUNHILL SUPERIOR MILD	KS F 30	9.2	9.0**	0.78	0.80**
MHX06		+MARLBORO LIGHTS 100'S	100 F 35	10.0	10.0**	0.72	0.70**
GIXCC		GITANES BLONDES	PR KS F 35	11.7	14.5**	0.89	1.09**
KEKGC		KENT KING SIZE	KS F 29	11.8	13.0**	0.85	1.00**
GBFBC		GAULOISES BLEU	REG F 23	12.2	12.4**	0.84	0.97**
BDOAC		BOULE D'OR LEGERE	REG F 23	12.4	12.0**	1.00	1.00**
PSKDC		PETER STUYVESANT	KS F 30	12.9	13.0**	0.97	1.00**
WIBOC		WINSTON	* KS F 29	13.2	14.0**	1.02	1.00**
ARH02	BERGEN OZ	+ARMADA 100 S GALION	100 F 33	13.4	15.0**	0.88	1.00**
CABCC		CAMEL	KS F 29	13.4	14.0**	0.98	1.00**
CBUAC		CAMEL 25 CIG.	PR KS F 29	13.5	14.0**	1.01	1.00**
GBAHC	MUNICH	GAULOISES BLONDES	KS F 28	13.6	14.9**	0.88	1.09**
LMY01		+L & M	KS F 29	13.7	14.0**	0.97	1.00**
ARK04		+ARMADA	* KS F 30	13.8	14.0**	0.92	0.90**

33.470

DATE 09/07/92 TIME 11.25

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BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
BE BELGIUM			T A R		S N		
CEG06	MUNICH	+CHESTER- FIELD	KS F	29	13.8 14.0**	0.96 1.00**	13.7 0.16
MLK40	BERLIN	+MARLBORO KING SIZE	KS F	29	13.8 14.0**	0.97 1.00**	13.8 0.20
VAR05	JUBILE	+VISA ROUGE	REG F	23	13.9 14.0**	0.95 1.00**	13.0 0.13
MLK40	MUNICH	+MARLBORO KING SIZE	KS F	29	14.0 14.0**	0.96 1.00**	14.1 0.20
VAV05	JUBILE	+VISA VERTE	REG F	23	14.0 14.0**	0.96 0.90**	12.6 0.09
NLK05	IXELLES	+NORTH POLE MENTHOL	KS F	29	14.2 14.0**	0.84 0.90**	14.4 0.13
MLB20	BERGEN OZ	+MARLBORO KING SIZE	KS F	29	14.4 14.0**	0.90 1.00**	14.0 0.20
ARM02	BERGEN OZ	+ARMADA 100 S MENTHOL	100 F	33	14.6 15.0**	0.92 1.00**	14.0 0.13
BGFAC		BELGA	REG F	23	14.8 15.0**	1.11 1.20**	11.2 0.09
MLB15	IXELLES	+MARLBORO K.S.	KS F	29	14.9 14.0**	0.96 1.00**	14.6 0.21
RIDBC		RICHMOND	REG F	23	14.9 15.0**	1.01 1.20**	14.0 0.11
CER07	LAURENS	+CHESTER- FIELD NON FILTER	REG NF	23	15.2 18.5**	0.99 1.30**	7.9 0.10
MLH01	BERGEN OZ	+MARLBORO 100'S	100 F	33	15.2 15.0**	1.01 1.00**	14.1 0.21
BAPAC		BASTOS	REG F	23	15.3 14.8**	1.36 1.25**	14.1 0.08
BG BULGARIA			T A R		S N		
BTFAC		BT FILTER	KS F	28	20.2	1.11	15.5 0.16
CJ CANARY ISLANDS			T A R		S N		
SWE02	PM ST-CRUZ	+SWING LIGHTS	LS F	30	8.8 9.0**	0.64 0.80**	10.5 0.16
MEQ07	PM ST-CRUZ	+MERIT	LS F	30	9.0 8.0**	0.66 0.60**	10.9 0.19
MLX10	PM ST-CRUZ	+MARLBORO LIGHTS	KS F	34	9.2 10.0**	0.69 0.80**	10.3 0.20
MLL12	PM ST-CRUZ	+MARLBORO LIGHTS	LS F	30	9.5 9.0**	0.68 0.70**	11.7 0.20
POL01	PM ST-CRUZ	+FORTUNA LIGHTS	KS F	30	9.6 11.0**	0.72 0.80**	11.3 0.17
LAB01	PM ST-CRUZ	+LARK	LS F	28	14.5 15.0**	0.97 1.10**	15.1 0.25
MLF32	PM ST-CRUZ	+MARLBORO	LS F	28	15.1 16.0**	0.96 1.00**	15.8 0.26
MLK35	PM ST-CRUZ	+MARLBORO KING SIZE	KS F	29	15.1 17.0**	1.01 1.10**	14.8 0.26
FOT01	PM ST-CRUZ	+FORTUNA	LS F	28	15.7 16.0**	1.02 1.00**	15.3 0.22
FOR01	PM ST-CRUZ	+FORTUNA	KS F	29	15.8 17.0**	1.06 1.10**	16.2 0.21
CC CORSICA			T A R		S N		
PMS01	MUNICH	+PHILIP MORRIS SUPER L.	KS F	35	3.4 4.0**	0.28 0.30**	4.9 0.07
MLX27	MACOTAB	+MARLBORO LIGHTS	KS F	35	8.4 9.0**	0.61 0.60**	10.2 0.15
PML04	BERGEN OZ	+PHILIP MORRIS LIGHTS	KS F	35	8.5 9.0**	0.60 0.60**	9.3 0.14
MPH15	MUNICH	+MULTI- FILTER 100'S	100 F	33	8.8 9.0**	0.75 0.80**	10.8 0.10
MLB17	MACOTAB	+MARLBORO KING SIZE	KS F	29	13.9 14.0**	0.94 1.00**	14.3 0.19
CY CYPRUS (GREEK PART)			T A R		S N		
MLX21	MUNICH	+MARLBORO LIGHTS	KS F	35	7.5	0.59	
BSF01	CURITIBA	+BOND STREET	LS F	28	14.0	0.90	15.7 0.22
BSK02	CURITIBA	+BOND STREET	KS F	28	14.4	0.94	16.2 0.23
LMH01	CURITIBA	+L & M 100'S	100 F	33	16.6	1.14	17.7 0.22
CS CZECHOSLOVAKIA			T A R		S N		
MMAAC		MARS M 20	* REG F	23	15.2	0.80	13.0 0.26
MSDFC		MILDE SORTE	* KS F	28	15.5	1.00	14.1 0.15
MLK46	KUTNA HORA	+MARLBORO	KS F	28	15.8 16.0**	1.01 1.10**	15.3 0.24
PEAAC		PETRA	KS F	28	16.5	1.00	16.6 0.22

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2500077765

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CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
CS CZECHOSLOVAKIA			T A R		S N		
SPBAC		SPARTA	KS	F 28	18.4	1.35	16.8 0.11
STZAC		START NON FILTER	REG	NF 23	19.8	1.13	11.0 0.07
DICAC		DISCO	KS	F 28	20.8	1.39	15.8 0.12
CCLAC		CLEA	* KS	F 23	22.3	0.99	20.4 0.14
DK DENMARK			T A R		S N		
MLX05	MUNICH	+MARLBORO LIGHTS	KS	F 35	8.1 9.0**	0.60 0.60**	9.8 0.14
MIL02	MUNICH	+MILD	KS	F 29	12.7 13.0**	0.85 0.90**	12.9 0.19
MLK40	MUNICH	+MARLBORO KING SIZE	KS	F 29	14.0 15.0**	0.96 1.00**	14.1 0.20
MHC06	MUNICH	+MARLBORO 100'S	100	F 33	15.0 16.0**	1.06 1.10**	14.9 0.21
EG EGYPT (UNITED ARAB REP.)			T A R		S N		
MLW01	CAIRO TALB	+MARLBORO LIGHTS	LS	F 30	9.4 12.0**	0.70 0.80**	8.7 0.16
LISAC		LITE	LS	F 27	12.1 10.0**	0.78 0.50**	10.8 0.10
RTKNC		ROTHMANS	KS	F 28	12.6 15.0**	0.92 1.00**	13.6 0.10
KEHBC		KENT DE LUXE	100	F 38	14.0 14.0**	0.96 1.00**	15.7 0.27
WIKRC		WINSTON	KS	F 28	14.4 17.0**	0.89 1.20**	12.9 0.26
MLF51	CAIRO TALB	+MARLBORO	LS	F 27	14.7 17.0**	0.93 1.20**	13.9 0.23
CLQBC		CLEOPATRA 100'S	100	F 38	19.7 20.0**	1.10 2.00**	19.7 0.19
SF FINLAND			D P M		S N		
BEJ01	ATO HYRYLA	+BELMONT ULTRA	KS	F 36	2.0 1**	0.19 0.2**	2.1 0.04
LMU01	ATO HYRYLA	+L & M ULTRA LIGHTS	KS	F 36	2.9 3**	0.29 0.3**	2.5 0.05
BEU01	ATO HYRYLA	+BELMONT 2002 MENTHOL	KS	F 36	5.4 5**	0.45 0.4**	5.1 0.07
BER01	ATO HYRYLA	+BELMONT 2002	KS	F 36	5.7 5**	0.48 0.4**	5.5 0.08
BEI01	ATO HYRYLA	+BELMONT MENTHOL	KS	F 36	7.5 7**	0.58 0.6**	7.9 0.10
BEK01	ATO HYRYLA	+BELMONT FILTER	KS	F 36	7.6 9**	0.59 0.7**	8.3 0.11
BEL01	ATO HYRYLA	+BELMONT EXTRA MILD	KS	F 36	7.7 7**	0.61 0.6**	7.8 0.10
LMD03	ATO HYRYLA	+L & M LIGHTS	KS	F 36	8.0 8**	0.59 0.7**	7.8 0.10
MLL13	ATO HYRYLA	+MARLBORO LIGHTS	KS	F 36	8.5 8**	0.60 0.7**	8.5 0.13
MLI06	ATO HYRYLA	+MARLBORO LIGHTS MENTHOL	KS	F 36	8.6 8**	0.59 0.7**	8.1 0.12
MXH10	ATO HYRYLA	+MARLBORO LIGHTS 100'S	100	F 36	10.1 10**	0.72 0.6**	9.8 0.14
MHC13	ATO HYRYLA	+MARLBORO 100'S	100	F 36	12.5 14**	0.84 0.8**	12.9 0.18
MPK02	ATO HYRYLA	+MULTI- FILTER	KS	F 29	13.3 13**	0.95 0.9**	13.3 0.20
LMK19	ATO HYRYLA	+L & M	* KS	F 29	14.1 14**	0.88 0.9**	11.1 0.15
MLK48	ATO HYRYLA	+MARLBORO	KS	F 29	14.2 14**	0.93 0.9**	12.5 0.18
MKM01	ATO HYRYLA	+MARLBORO MENTHOL	KS	F 29	14.6 14**	0.94 0.9**	12.7 0.18
FR FRANCE			T A R		S N		
BBCAC		BASTOS INT. ULTRA LEGERES PR	KS	F 35	1.5 3.3**	0.19 0.30**	2.0 0.02
GAYAC		GAULOISES BLONDES ULT.LEGERPR	KS	F 35	1.9 2.3**	0.16 0.22**	3.7 0.05
PMU08	MUNICH	+PHILIP MORRIS ULTRA LGTS	KS	F 35	2.3 2.0**	0.23 0.20**	2.7 0.04
PHU01	MUNICH	+PHILIP MORRIS 100 ULTRA L.	100	F 39	2.7 2.0**	0.28 0.20**	3.1 0.05
PMS01	MUNICH	+PHILIP MORRIS SUPER L.	KS	F 35	3.4 4.0**	0.28 0.30**	4.9 0.07
PHS02	BERGEN OZ	+PHILIP MORRIS 100 SUPER L.	100	F 39	3.9 4.0**	0.31 0.30**	4.3 0.06
MAC14	IXELLES	+MURATTI AMBASSADOR EXTRA M.	KS	F 33	6.4 6.0**	0.51 0.50**	6.8 0.07
MER14	MUNICH	+MERIT	KS	F 35	6.7 7.0**	0.52 0.50**	8.9 0.15
CEN02	MUNICH	+CHESTER- FIELD LIGHTS	KS	F 35	7.7 8.0**	0.58 0.60**	8.8 0.10

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CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
FR FRANCE			T A R		S N		
MLI05	MUNICH	+MARLBORO MENTHOL LIGHTS	KS	F 35	8.2 9.0**	0.55 0.60**	9.0 0.12
PML04	BERGEN OZ	+PHILIP MORRIS LIGHTS	KS	F 35	8.5 9.0**	0.60 0.60**	9.3 0.14
MLX01	BERGEN OZ	+MARLBORO LIGHTS	KS	F 35	8.6 9.0**	0.60 0.60**	9.8 0.14
MPH15	MUNICH	+MULTI- FILTER 100'S	100	F 33	8.8 9.0**	0.75 0.80**	10.8 0.10
MAJ03	IXELLES	+MURATTI AMBASSADOR	KS	F 29	8.9 9.0**	0.66 0.70**	9.6 0.10
MX06	BERGEN OZ	+MARLBORO LIGHTS 100'S	100	F 35	10.0 10.0**	0.72 0.70**	10.5 0.16
ARH02	BERGEN OZ	+ARMADA 100 S GALION	100	F 33	13.4 15.0**	0.88 1.00**	12.9 0.11
BAB01	MUNICH	+BATTISTONI	KS	F 29	13.5 14.0**	0.95 1.00**	13.1 0.17
CEF04	LAURENS	+CHESTER- FIELD FILTER	KS	F 30	13.6 14.0**	0.91 1.00**	12.8 0.15
FOR01	MUNICH	+FORTUNA	KS	F 29	13.7 14.0**	0.94 0.90**	14.4 0.18
CEG06	MUNICH	+CHESTER- FIELD	KS	F 29	13.8 14.0**	0.96 1.00**	13.7 0.16
MLK40	BERLIN	+MARLBORO KING SIZE	KS	F 29	13.8 14.0**	0.97 1.00**	13.8 0.20
MLK40	MUNICH	+MARLBORO KING SIZE	KS	F 29	14.0 14.0**	0.96 1.00**	14.1 0.20
PMB03	MUNICH	+PHILIP MORRIS	KS	F 29	14.0 14.0**	0.96 1.00**	14.6 0.20
MLB20	BERGEN OZ	+MARLBORO KING SIZE	KS	F 29	14.4 14.0**	0.90 1.00**	14.0 0.20
ARM02	BERGEN OZ	+ARMADA 100 S MENTHOL	100	F 33	14.6 15.0**	0.92 1.00**	14.0 0.13
CEG12	BERGEN OZ	+CHESTER- FIELD	KS	F 29	14.6 14.0**	0.92 1.00**	14.3 0.17
GNXDC		GOLDEN AMERICAN	PR KS	F 30	14.8 14.9**	1.00 1.00**	11.7 0.15
MLB15	IXELLES	+MARLBORO K.S.	KS	F 29	14.9 14.9**	0.96 1.09**	14.6 0.21
MLH01	BERGEN OZ	+MARLBORO 100'S	100	F 33	15.2 15.0**	1.01 1.00**	14.1 0.21
DB GERMANY WEST			T A R		S N		
PMU05	MUNICH	+PHILIP MORRIS ULTRA	KS	F 35	2.2 2**	0.23 0.2**	2.6 0.04
RMEAC		R 1	KS	F 33	2.4 2**	0.25 0.2**	3.9 0.05
PMT02	BERLIN	+PHILIP MORRIS LIGHT	KS	F 35	3.7 4**	0.31 0.3**	4.4 0.06
RMRAE		R6	KS	F 33	4.0 4**	0.34 0.4**	5.2 0.07
MLX12	BERLIN	+MARLBORO LIGHTS	KS	F 35	4.9 5**	0.42 0.4**	5.6 0.07
LMD01	MUNICH	+L & M LIGHTS	KS	F 35	4.9 5**	0.44 0.4**	5.8 0.08
MLX12	MUNICH	+MARLBORO LIGHTS	KS	F 35	5.2 6**	0.46 0.4**	
HBNAE		HB LIGHTS	KS	F 29	5.5 6**	0.47 0.6**	
MLI01	MUNICH	+MARLBORO MENTHOL LIGHTS	KS	F 35	5.6 5**	0.47 0.4**	6.0 0.08
CAMAC		CAMEL LIGHTS	KS	F 29	5.9 6**	0.47 0.6**	6.9 0.13
WSXAC		WEST LIGHTS	KS	F 33	6.6 7**	0.53 0.7**	6.4 0.07
MHL01	BERLIN	+MARLBORO LIGHTS 100'S	100	F 35	6.6 7**	0.57 0.6**	7.3 0.09
MER14	MUNICH	+MERIT	KS	F 35	6.7 7**	0.52 0.5**	8.9 0.15
KIHAC		KIM	100	F 33	7.5 8**	0.52 0.6**	8.8 0.09
LDBAC		LORD EXTRA	KS	F 30	8.0 8**	0.58 0.6**	10.5 0.12
MPI04	MUNICH	+MULTI DE LUXE	100	F 33	9.3 11**	0.75 0.8**	11.0 0.10
PLC01	MUNICH	+PARLIAMENT LIGHTS 100'S	100	F 39	9.4 10**	0.74 0.8**	9.2 0.16
EVL02	MB BERLIN	+EVE 120 LIGHTS	120	F 43	9.7 10**	0.64 0.7**	
LMX01	BERLIN	+L & M 100 S	100	F 33	10.2 11**	0.75 0.8**	11.6 0.14
ERBAC		ERNTE 23	KS	F 29	11.9 13**	0.76 0.8**	12.7 0.15
PSKBC		PETER STUYVESANT	KS	F 29	12.1 12**	0.83 0.8**	13.1 0.13
LMK07	BERLIN	+L & M	KS	F 29	12.3 13**	0.84 0.9**	12.2 0.15
LSBBC		LUCKY STRIKE	KS	F 29	12.3 13**	0.90 1.0**	14.2 0.18
WSTAC		WEST	KS	F 29	12.4 13**	0.86 0.9**	13.0 0.12
LMK07	MUNICH	+L & M	KS	F 29	12.4 13**	0.88 0.9**	
HBKAC		HB	KS	F 29	12.5 13**	0.79 0.9**	13.2 0.15
MLK37	BERLIN	+MARLBORO KING SIZE	KS	F 29	12.9 13**	0.91 0.9**	13.2 0.18
MLK37	MUNICH	+MARLBORO KING SIZE	KS	F 29	12.9 13**	0.91 0.9**	
CAKFC		CAMEL	KS	F 29	12.9 13**	0.98 1.0**	12.0 0.20

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BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O	N O
							(MG/CIG)	
DB GERMANY WEST			T A R		S N			
BNFMC		BENSON & HEDGES	KS	F 29	13.0 13**	0.93 1.1**	14.8	0.15
GBAJC		GAULOISES BLONDES	KS	F 28	13.1 14**	0.90 1.0**	14.7	0.21
PBLAC		PALL MALL	KS	F 29	13.3 13**	0.94 1.0**		
MLN05	BERLIN	+MARLBORO MENTHOL	KS	F 29	13.4 13**	0.90 0.9**	13.2	0.18
LMF04	MUNICH	+L & M	KS	F 29	13.4 14**	0.94 1.0**	14.0	0.16
MLN05	MUNICH	+MARLBORO MENTHOL	KS	F 29	13.7 13**	0.93 0.9**	12.8	0.18
MHC09	BERLIN	+MARLBORO 100'S	100	F 33	13.7 14**	1.02 1.0**	14.6	0.19
CEG06	MUNICH	+CHESTER- FIELD	KS	F 29	13.8 14**	0.96 1.0**	13.7	0.16
WSSAC		WEST 100	100	F 33	13.8 14**	0.98 1.0**	16.0	0.13
PRDAC		PRINCE OF DENMARK	KS	F 28	13.9 15**	1.08 1.3**	13.2	0.17
GNKBC		GOLDEN AMERICAN	KS	F 30	14.1 14**	0.97 1.0**	13.4	0.17
JUV01	DRESDEN	+JUWEL 72	KS	F 29	14.2	0.97		
GOHAC		GOLDEN AMERICAN 100'S	100	F 33	14.2 15**	1.04 1.0**		
KAP01	DRESDEN	+KARO	KS	F 29	14.5	1.06	14.4	0.39
CUBAC		CLUB	KS	F 29	14.6 15**	0.95 1.0**	15.1	0.28
FFG01	DRESDEN	+F6 100'S	100	F 33	14.6 15**	1.11 1.0**		
MOBAC		MONTE CARLO 100'S	PR 100	F 33	14.8 17**	0.92 1.1**	15.1	0.25
CNGAC		CABINET WURZIG 100'S	100	F 33	15.5 16**	1.26 1.2**	16.8	0.26
KAR02	DRESDEN	+KARO	REG NF	23	16.3	1.46	12.7	0.41
CNJAC		CABINET WURZIG	KS	F 29	16.8 16**	1.13 1.1**	16.3	0.20
JUW10	DRESDEN	+JUWEL	LS	F 23	17.8	1.12	16.1	0.19
FFF01	DRESDEN	+F 6	LS	F 23	18.3	1.10	16.4	0.11
GR GREECE			T A R		S N			
PMS06	BERGEN OZ	+PHILIP MORRIS SUPER L.	KS	F 35	3.8 4.0**	0.31 0.40**	4.0	0.06
MLX06	PAP PIREUS	+MARLBORO LIGHTS	KS	F 35	7.9 9.0**	0.61 0.60**	8.2	0.12
MAJ03	IXELLES	+MURATTI AMBASSADOR	KS	F 29	8.9 9.0**	0.66 0.70**	9.6	0.10
MHX12	MUNICH	+MARLBORO LIGHTS 100'S	100	F 35	9.8 10.0**	0.75 0.70**	11.5	0.17
LMY01	MUNICH	+L & M	KS	F 29	13.7	0.97	13.8	0.16
MLK02	PAP PIREUS	+MARLBORO KING SIZE	* KS	F 28	14.5 14.0**	0.95 1.00**	12.8	0.17
MHC06	MUNICH	+MARLBORO 100'S	100	F 33	15.0 15.0**	1.06 1.00**	14.9	0.21
MHC11	PAP PIREUS	+MARLBORO 100'S	100	F 33	15.1	1.08	13.9	0.19
GA GUINEA			T A R		S N			
CON01	CURITIBA	+CONGRESS	LS	F 28	14.7	0.92	15.6	0.19
LMN03	CURITIBA	+L & M	LS	F 28	14.7	0.95	15.4	0.20
HU HUNGARY			T A R		S N			
MAK05	SERRIERES	+MURATTI AMBASSADOR KING SIZE *	KS	F 29	8.2	0.70	7.9	0.08
MHX13	SERRIERES	+MARLBORO LIGHTS 100'S	100	F 36	8.9	0.68	9.3	0.14
MLL14	EGER	+MARLBORO LIGHTS	KS	F 35	10.9	0.80	7.5	0.14
MPM01	EGER	+MULTI- FILTER	KS	F 28	11.9	0.73	15.0	0.16
MPH19	EGER	+MULTI- FILTER 100'S	* 100	F 33	12.7	0.79	15.0	0.15
MLG04	EGER	+MARLBORO 100'S	100	F 33	15.5	1.02	14.6	0.23
MLK51	EGER	+MARLBORO	KS	F 28	16.4	1.01	16.2	0.25
EI IRELAND			T A R		S N			
RAH05	CARROLL	+RAFFLES 100'S	* 100	F 34	12.0 13.0**	1.09 1.10**	13.5	0.07

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CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O	N O
							(MG/CIG)	(MG/CIG)
IL ISRAEL			T A R		S N			
CAKOC		CAMEL	KS F 29	14.6		0.90	13.5	0.27
IT ITALY			T A R		S N			
CTAAC		CORTINA ULTRA LIGHTS	KS F 31	1.0	1.0**	0.10 0.10**	1.6	0.03
PMA03	MUNICH	+PHILIP MORRIS LGTS EXTRA	KS F 35	1.1	1.0**	0.10 0.10**	3.1	0.06
RMVBC		R6 ULTRA	KS F 33	1.2	2.0**	0.17 0.20**	2.1	0.03
NOQAC		NOW	KS F 33	1.3	1.0**	0.11 0.10**	1.6	0.04
MSVAC		MS EXTRALIGHTS	KS F 33	1.3	1.0**	0.15 0.10**	2.2	0.04
PMU07	MUNICH	+PHILIP MORRIS ULTRA LGTS	KS F 35	2.3	2.0**	0.23 0.20**	2.8	0.05
RTWAC		ROTHMANS ULTRA- LEGGERA	100 F 35	2.6	2.0**	0.33 0.20**	1.4	0.02
KIOAC		KIM SUPER- LEGGERA	100 F 33	2.7	3.0**	0.26 0.30**	2.9	0.05
PHU02	MUNICH	+PHILIP MORRIS 100 ULTRA L.	100 F 39	2.7	2.0**	0.27 0.20**	3.6	0.07
MAL02	IXELLES	+MURATTI AMBASSADOR ULTRA M.	KS F 35	3.1	3.0**	0.25 0.30**	4.6	0.05
MAL01	BERGEN OZ	+MURATTI AMBASSADOR ULTRA M.	KS F 35	3.4	3.0**	0.25 0.30**	4.9	0.05
CPKAC		CAPRI SUPER- LEGGERA	100 F 35	3.4	5.0**	0.38 0.50**	2.2	0.03
CCDAC		CAMEL EXTRA LIGHTS	KS F 29	3.7	4.0**	0.36 0.40**	4.2	0.08
MEU03	BERGEN OZ	+MERIT ULTRA LIGHTS	KS F 35	3.8	4.0**	0.27 0.30**	3.5	0.08
PMS07	BERGEN OZ	+PHILIP MORRIS SUPER L.	KS F 35	3.8	4.0**	0.31 0.30**	4.4	0.06
PHS01	BERGEN OZ	+PHILIP MORRIS 100 SUPER L.	100 F 39	3.9	4.0**	0.32 0.30**	4.4	0.07
MSQAC		MS LIGHTS	KS F 33	3.9	4.0**	0.35 0.35**	5.5	0.09
MEG01	BERGEN OZ	+MERIT ULTRA LGTS 100'S	100 F 39	4.1	4.0**	0.32 0.30**	3.4	0.07
MPD04	MUNICH	+MULTI- FILTER ULTRA LTS	* 100 F 35	4.1	4.0**	0.36 0.40**	3.0	0.04
FUTAC		FUTURA	KS F 33	4.3	6.0**	0.43 0.40**		
PMQ01	MUNICH	+PHILIP MORRIS SUP.LIGHTS	* 100 F 35	4.4	4.0**	0.45 0.40**	3.2	0.03
RMREB		R6	KS F 33	4.6	5.5**	0.37 0.45**	5.3	0.08
RTEAC		ROTHMANS SUPER- LEGGERA	100 F 35	5.1	5.0**	0.52 0.50**	3.2	0.04
MSWAC		MS 100'S DE LUXE	100 F 35	5.5	7.0**	0.54 0.60**	5.0	0.08
LSAAC		LUCKY STRIKE LIGHTS	* KS F 35	5.7	6.0**	0.49 0.60**	6.4	0.08
RMDBC		R1 SLIM LINE	100 F 35	5.7	6.0**	0.63 0.60**	4.3	0.05
MSNAC		MS MUNDIAL	KS F 28	5.9	7.0**	0.57 0.60**	5.0	0.09
MAC12	BERGEN OZ	+MURATTI AMBASSADOR EXTRA M.	KS F 33	6.2	6.0**	0.49 0.50**	6.2	0.07
MPS03	MUNICH	+MULTI- FILTER 100'S E.L.	100 F 33	6.3	6.0**	0.58 0.60**	6.9	0.07
MAC14	IXELLES	+MURATTI AMBASSADOR EXTRA M.	KS F 33	6.4	6.0**	0.51 0.50**	6.8	0.07
KIDAC		KIM ULTRA SLIM	* 100 F 35	6.6	7.0**	0.65 0.70**	4.6	0.07
MER15	MUNICH	+MERIT	KS F 35	6.7	7.0**	0.51 0.50**	9.9	0.15
MPS02	BERGEN OZ	+MULTI- FILTER 100'S E.L.	100 F 33	6.8	6.0**	0.53 0.60**	6.1	0.07
CBCAC		CARTIER VENDOME	100 F 33	6.9	8.0**	0.57 0.70**	7.8	0.06
RTZAC		ROTHMANS LEGGERA	* 100 F 35	6.9	7.0**	0.60 0.70**	4.9	0.06
MPT02	MUNICH	+MULTIFILT. LIGHTS 100'S	100 F 35	6.9	7.0**	0.62 0.60**	4.9	0.06
MER19	BERGEN OZ	+MERIT	KS F 35	7.1	7.0**	0.50 0.50**	9.0	0.14
PME01	MUNICH	+PHILIP MORRIS LIGHTS	100 F 35	7.3	7.0**	0.64 0.60**	5.5	0.07
KIHBC		KIM LEGGERA	100 F 33	7.5	8.0**	0.47 0.60**	9.1	0.17
MEH04	BERGEN OZ	+MERIT 100'S	100 F 39	7.5	8.0**	0.55 0.60**	10.0	0.16
CEN03	MUNICH	+CHESTER- FIELD LIGHTS	KS F 35	7.7	8.0**	0.58 0.60**	9.1	0.11
MLX05	MUNICH	+MARLBORO LIGHTS	KS F 35	8.1	9.0**	0.60 0.60**	9.8	0.14
CPHAC		CAPRI MENTHOL	100 F 35	8.3	8.0**	0.70 0.80**	5.5	0.07
MAK01	MTI ROVERE	+MURATTI AMBASSADOR KING SIZE	KS F 28	8.5	9.0**	0.67 0.70**	8.5	0.10
MSPAC		MS MILD	* KS F 28	8.6	9.0**	0.77 0.80**	7.7	0.18
LLBAC		LIDO BLU EXTRA MILD	KS F 28	8.7	10.0**	0.60 0.70**	11.1	0.26
MLX02	BERGEN OZ	+MARLBORO LIGHTS	KS F 35	8.8	9.0**	0.61 0.60**	10.2	0.14
MPH02	BERGEN OZ	+MULTI- FILTER 100'S	100 F 33	8.8	9.0**	0.66 0.80**	10.7	0.11

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BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E		Y I E L D (MG/CIG)		C O	N O
									(MG/CIG)	(MG/CIG)
IT ITALY			T A R		S N					
CPIDC		CAPRI	100 F	35	8.8	8.0**	0.70	0.80**	6.7	0.09
MAJ03	IXELLES	+MURATTI AMBASSADOR	KS F	29	8.9	9.0**	0.66	0.70**	9.6	0.10
CACBC		CAMEL LIGHTS	KS F	29	8.9	9.0**	0.75	0.70**	8.6	0.15
MPH11	MUNICH	+MULTI- FILTER 100'S	100 F	33	9.0	9.0**	0.72	0.80**	11.3	0.10
MSIAC		MS INTERNAT.	100 F	33	9.2	10.0**	0.88	1.00**	8.1	0.16
MED06	IXELLES	+MERCEDES SPECIALLY MILD	100 F	33	9.4	9.0**	0.67	0.70**	10.2	0.09
RTQCC		ROTHMANS SPECIAL	KS F	30	9.4	9.0**	0.80	0.80**	9.0	0.07
DIS01	MTI MODENA	+DIANA SPECIALLY MILD	KS F	28	9.6	9.0**	0.72	0.70**	10.3	0.13
MSDDC		MILDE SORTE	KS F	29	9.7	9.0**	0.50	0.50**	10.0	0.08
MHX14	BERGEN OZ	+MARLBORO LIGHTS 100'S	100 F	35	9.7	10.0**	0.70	0.70**	10.1	0.15
CBKAC		CAMEL LIGHTS 100'S	100 F	33	9.9	10.0**	0.83	0.80**	9.7	0.16
MSSAC		MS KING SIZE	KS F	28	10.2	11.0**	0.89	1.00**	10.0	0.20
MEK03	MTI FIRENZ	+MERCEDES	* KS F	28	10.4	11.0**	0.75	0.80**	12.4	0.11
LNLAC		LINDA LEGGERA	KS F	28	10.7		0.89		11.2	0.24
MRXBC		MS BLU	KS F	28	10.7	10.0**	0.90	0.85**	12.1	0.19
CAIAC		CARTIER LUXURY MILD	* 100 F	33	10.8	11.0**	0.94	0.90**	8.9	0.08
NAGAC		NAZIONALI	KS F	28	11.1		0.75			
RAH05	CARROLL	+RAFFLES 100'S	* 100 F	34	12.0	13.0**	1.09	1.10**	13.5	0.07
NNFAC		N 80 FILTRO	KS F	28	12.1	11.5**	0.93	0.95**	13.7	0.31
LLOAC		LIDO TRIPLO FILTRO	KS F	28	12.4	11.0**	0.97	0.90**		
LSKAC		LUCKY STRIKE	KS F	29	12.5	13.0**	0.91	1.00**	14.1	0.16
LAG01	MUNICH	+LARK	KS F	29	12.6	13.0**	0.94	0.90**	12.9	0.20
LMK08	MUNICH	+L & M	KS F	29	12.7	13.0**	0.86	0.90**		
DIK01	MTI ROVERE	+DIANA	KS F	28	13.3	14.0**	0.95	0.90**	13.0	0.17
DIK01	MTI MODENA	+DIANA	KS F	28	13.4	14.0**	0.92	0.90**	14.6	0.18
DIK01	MTI VERONA	+DIANA	KS F	28	13.7	14.0**	0.91	0.90**	14.3	0.18
CEG04	MUNICH	+CHESTER- FIELD	KS F	29	13.8	14.0**	0.96	1.00**	13.8	0.16
MLK30	MUNICH	+MARLBORO KING SIZE	KS F	29	14.0	14.0**	0.96	1.00**	14.2	0.20
CAKIC		CAMEL	KS F	29	14.0	13.0**	1.03	0.90**	13.1	0.23
MLK01	MTI MODENA	+MARLBORO KING SIZE	* KS F	28	14.2	14.0**	0.89	1.00**	13.9	0.19
RTKPC		ROTHMANS KING SIZE	KS F	30	14.3	15.0**	1.01	1.10**	12.5	0.11
LNCAC		LINDA PLURI- FILTER	KS F	28	14.3		1.25		12.2	0.27
PMB05	BERGEN OZ	+PHILIP MORRIS	KS F	29	14.4	14.0**	0.91	1.00**	14.2	0.20
MLK01	MTI BOLOGN	+MARLBORO KING SIZE	KS F	28	14.7	14.0**	0.93	1.00**	13.9	0.20
MLB13	BERGEN OZ	+MARLBORO K.S.	KS F	29	14.8	14.0**	0.93	1.00**	14.2	0.20
MLB15	IXELLES	+MARLBORO K.S.	KS F	29	14.9		0.96		14.6	0.21
MLH02	BERGEN OZ	+MARLBORO 100'S	100 F	33	15.5	15.0**	1.01	1.00**	13.6	0.20
CASBC		CAMEL NON FILTER	REG NF	23	18.1	16.0**	1.20	1.20**	10.1	0.18
LSPAC		LUCKY STRIKE	REG NF	23	19.2		1.18		14.3	0.17

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			T A R		S N					
MLF31	SITAB	+MARLBORO	LS F	28	14.6		0.97		14.1	0.22

KW KUWAIT

			T A R		S N					
COL01	SERRIERES	+CONGRESS LIGHTS	LS F	27	4.4	7.0**	0.36	0.60**	4.9	0.06
CON02	SERRIERES	+CONGRESS	LS F	27	8.6	12.0**	0.62	0.80**	9.2	0.11

RL LEBANON

			T A R		S N					
WIJAC		WINSTON LIGHTS 100'S	100 F	39	8.3		0.58		10.0	0.21
MLX17	RICHMOND	+MARLBORO LIGHTS	KS F	35	10.1		0.70		10.7	0.19

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BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
RL LEBANON			T A R		S N		
CEH01	RICHMOND	+CHESTER- FIELD 100'S	100 F	36	12.0	0.88	11.6 0.19
CEK11	RICHMOND	+CHESTER- FIELD	KS F	29	13.7	0.92	13.3 0.20
VCKBC		VICEROY	LS F	28	15.5	0.91	15.1 0.20
WIKNC		WINSTON	KS F	29	15.7	0.94	13.8 0.28
LSKBC		LUCKY STRIKE	KS F	29	16.0	0.96	13.9 0.26
MLF49	RICHMOND	+MARLBORO	LS F	27	16.2	1.04	13.3 0.23
VGYDC		VICEROY KING SIZE	* KS F	29	16.4	1.06	14.4 0.26
CEDEC		CEDARS	100 F	33	19.2	1.36	19.0 0.26
MA MALTA			T A R		S N		
PMS03	SERRIERES	+PHILIP MORRIS SUPER L.	KS F	36	3.2	0.31	4.2 0.07
MAK05	SERRIERES	+MURATTI AMBASSADOR KING SIZE *	KS F	29	8.2	0.70	7.9 0.08
MLB24	ATW MALTA	+MARLBORO	KS F	28	14.7 16.0**	0.97 1.10**	13.7 0.19
MU MAURITANIA			T A R		S N		
LMN03	CURITIBA	+L & M	LS F	28	14.7	0.95	15.4 0.20
MO MOROCCO			T A R		S N		
WIKIC		WINSTON	KS F	29	14.5	0.92	13.7 0.27
MLF43	RICHMOND	+MARLBORO	LS F	27	14.7	0.94	12.7 0.22
MRWAC		MARVEL	KS F	28	16.0	1.13	16.4 0.23
BSNAC		BEST LUXURY BLEND	LS F	28	19.3	1.53	15.0 0.22
MRQAC		MARQUISE	KS F	28	22.4	1.83	16.8 0.21
CATAC		CASA SPORT OLYMPIC BLEUE	REG F	23	22.6	1.17	17.8 0.37
CBEAC		CASA SPORTS NON FILTRE	* REG NF	23	25.6	1.40	17.4 0.34
NL NETHERLANDS			T A R		S N		
PMU08	MUNICH	+PHILIP MORRIS ULTRA LGTS	KS F	35	2.3 1.0**	0.23 0.10**	2.7 0.04
PMS06	BERGEN OZ	+PHILIP MORRIS SUPER L.	KS F	35	3.8 4.0**	0.31 0.40**	4.0 0.06
PSECC		PETER STUYVESANT EXTRA M.	KS F	33	4.2 4.0**	0.42 0.40**	4.0 0.05
RMUAC		ROXY DUAL EXTRA LIGHT	KS F	32	5.9 6.0**	0.38 0.50**	10.2 0.16
BEKAC		BELINDA	KS F	29	6.0 8.0**	0.42 0.70**	5.8 0.07
MER20	BERGEN OZ	+MERIT	KS F	35	6.7 8.0**	0.47 0.60**	9.2 0.14
RODAC		ROXY DUAL MILD	KS F	30	7.8 9.0**	0.54 0.80**	9.4 0.14
MLI05	MUNICH	+MARLBORO MENTHOL LIGHTS	KS F	35	8.2 9.0**	0.55 0.70**	9.0 0.12
MLX01	BERGEN OZ	+MARLBORO LIGHTS	KS F	35	8.6 9.0**	0.60 0.70**	9.8 0.14
PML02	IXELLES	+PHILIP MORRIS LIGHTS	KS F	35	8.7 9.0**	0.63 0.60**	9.7 0.13
MAJ03	IXELLES	+MURATTI AMBASSADOR	KS F	29	8.9 13.0**	0.66 0.90**	9.6 0.10
MHX06	BERGEN OZ	+MARLBORO LIGHTS 100'S	100 F	35	10.0 11.0**	0.72 0.80**	10.5 0.16
TVNAC		TIVOLI VERY MILD	KS F	30	11.0 13.0**	0.96 1.00**	9.8 0.06
GMPAC		GLADSTONE MILD	KS F	29	11.2 13.0**	0.69 1.00**	13.5 0.11
CAHDC		CAMEL MILD	KS F	29	11.8 12.0**	0.84 0.90**	12.6 0.20
RAH05	CARROLL	+RAFFLES 100'S	* 100 F	34	12.0 13.0**	1.09 1.10**	13.5 0.07
BEJAC		BELINDA SUPER KINGS	100 F	35	13.0 14.0**	0.80 1.00**	16.0 0.18
MNFAC		MANTANO	KS F	29	13.5 15.0**	0.84 1.10**	14.8 0.20
LMY01	MUNICH	+L & M	KS F	29	13.7 16.0**	0.97 1.10**	13.8 0.16
CEG06	MUNICH	+CHESTER- FIELD	KS F	29	13.8 15.0**	0.96 1.10**	13.7 0.16
GBAGC		GAULOISES BLONDES	KS F	28	13.9 15.0**	0.82 1.10**	15.4 0.23
PSKAC		PETER STUYVESANT	KS F	30	14.0 13.0**	1.07 1.00**	10.8 0.07

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CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MH	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
NL NETHERLANDS			T A R		S N		
LSKEC	BERGEN OZ	LUCKY STRIKE	KS	F 29	14.3 15.0**	1.06 1.10**	12.8 0.19
MLB20		+MARLBORO KING SIZE	KS	F 29	14.4 14.0**	0.90 1.00**	14.0 0.20
CAKCC		CAMEL	KS	F 29	14.8 16.0**	1.01 1.10**	14.8 0.23
DHFLC		DUNHILL	KS	F 30	14.8 15.0**	1.01 1.20**	12.5 0.10
CBFAC		CABALLERO	KS	F 30	15.0 16.0**	1.17 1.30**	10.2 0.10
WIKQC		WINSTON	KS	F 29	15.1 15.0**	1.03 1.10**	14.6 0.25
CER07	LAURENS	+CHESTER- FIELD NON FILTER	REG	NF 23	15.2 19.0**	0.99 1.40**	7.9 0.10
MLH01	BERGEN OZ	+MARLBORO 100'S	100	F 33	15.2 16.0**	1.01 1.20**	14.1 0.21
MLN07	IXELLES	+MARLBORO MENTHOL	KS	F 29	15.3 16.0**	0.96 1.10**	14.9 0.20
MEC03	JUBILE	+MERCEDES	KS	F 28	15.7 15.0**	1.08 1.00**	19.6 0.14
HUK03	JUBILE	+HUNTER	KS	NF 23	16.5 20.0**	1.10 1.30**	9.7 0.07
RUP03	JUBILE	+RUNNER NON-FILTER	KS	NF 23	16.9 20.0**	1.12 1.30**	10.3 0.07
RUF04	JUBILE	+RUNNER	KS	F 28	17.0 16.0**	1.08 1.00**	18.2 0.12
RUM03	JUBILE	+RUNNER MENTHOL	KS	F 28	17.1 17.0**	1.06 1.00**	18.1 0.12
PMR03	JUBILE	+PHILIP MORRIS NON FILTER	REG	NF 23	18.2 20.0**	1.01 1.40**	10.8 0.10
WN NIGERIA			T A R		S N		
LIF01	ILORIN	+LINK	* LS	F 26	11.0 15.0**	0.75 1.00**	9.9 0.11
GRM01	ILORIN	+GREEN SPOT MENTHOL	LS	F 26	13.1 15.0**	0.86 1.00**	11.0 0.12
TGF01	ILORIN	+TARGET	KS	F 26	13.7 15.0**	0.74 1.00**	13.3 0.10
LIP01	ILORIN	+LINK NON FILTER	* LS	NF 23	14.6 21.0**	0.88 1.50**	9.2 0.08
NO NORWAY			T A R		S N		
MEW01	SERRIERES	+MERIT MENTHOL ULTRA L.	KS	F 36	3.5 4.0**	0.31 0.40**	4.4 0.07
BAXIC		BARCLAY	KS	F 35	5.4 5.0**	0.54 0.50**	6.2 0.08
CCDBC		CAMEL EXTRA LIGHTS	KS	F 29	5.7 7.0**	0.52 0.60**	5.7 0.09
MER13	SERRIERES	+MERIT	KS	F 36	6.6 8.0**	0.50 0.60**	8.9 0.15
DHQB		DUNHILL SPECIAL LIGHT	KS	F 30	7.8 9.0**	0.61 0.70**	6.3 0.11
CAMEC		CAMEL LIGHTS	KS	F 29	7.8 11.0**	0.67 0.90**	7.4 0.12
PBEAC		PALL MALL EXTRA MILD	KS	F 28	9.4 10.0**	0.71 0.80**	7.7 0.09
MLI03	SERRIERES	+MARLBORO MENTHOL LIGHTS	KS	F 36	10.0 11.0**	0.77 0.80**	10.9 0.14
MLY04	SERRIERES	+MARLBORO LIGHTS	KS	F 36	10.2 11.0**	0.70 0.80**	11.1 0.16
PCOAC		PRINCE EXTRA MILD	* KS	F 28	10.2 10.0**	0.91 1.00**	10.9 0.14
PMM04	SERRIERES	+PHILIP MORRIS MULTIFILT.	KS	F 29	12.3 16.0**	0.87 1.10**	14.9 0.11
PBMAC		PALL MALL MILD	KS	F 28	12.4 13.0**	0.81 1.00**	11.5 0.13
PCMAC		PRINCE MILD	* KS	F 28	13.0 14.0**	1.09 1.20**	13.4 0.14
LSBDC		LUCKY STRIKE	KS	F 28	14.0 14.0**	1.05 1.10**	11.9 0.22
MLK15	SERRIERES	+MARLBORO KING SIZE	KS	F 29	14.5 16.0**	0.93 1.10**	14.1 0.19
LMO01	SERRIERES	+L & M FULL FLAVOR	KS	F 29	14.9 16.0**	1.09 1.10**	15.0 0.17
BIOAC		BILTMORE LIGHT	KS	F 28	15.0 14.0**	1.20 1.30**	15.2 0.13
CAKNC		CAMEL	* KS	F 29	15.4 16.0**	1.08 1.30**	13.9 0.19
BINAC		BILTMORE FULL FLAVOR	KS	F 28	17.1 18.0**	1.18 1.50**	18.3 0.11
PCBAC		PRINCE	* KS	F 28	17.3 18.0**	1.37 1.50**	16.3 0.19
PL POLAND			T A R		S N		
CON01	CURITIBA	+CONGRESS	LS	F 28	14.7	0.92	15.6 0.19
LMN03	CURITIBA	+L & M	LS	F 28	14.7	0.95	15.4 0.20
LMK21	SERRIERES	+L & M	* KS	F 29	15.7 16.0**	0.90 1.10**	16.5 0.21
MLK49	KRAKOW	+MARLBORO KING SIZE	KS	F 29	16.6 16.0**	1.01 1.10**	17.5 0.23

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CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
PO PORTUGAL			T A R		S N		
MLX23	IXELLES	+MARLBORO LIGHTS	KS	F 35	8.6 9.0**	0.60 0.60**	10.3 0.15
QU QATAR			T A R		S N		
JUBEC		JUBILEE	KS	F 28	11.2 12.0**	0.65 0.80**	9.1 0.05
RE REUNION			T A R		S N		
MLB12	CORETAB	+MARLBORO KING SIZE	KS	F 28	13.6 14.9**	0.90 1.09**	12.9 0.19
SU RUSSIA			T A R		S N		
MLX30	SERRIERES	+MARLBORO LIGHTS	KS	F 36	8.3	0.62	9.7 0.14
BSK04	MERLO	+BOND STREET	KS	F 28	14.4	0.87	15.5 0.20
CON01	CURITIBA	+CONGRESS	LS	F 28	14.7	0.92	15.6 0.19
LMN03	CURITIBA	+L & M	LS	F 28	14.7	0.95	15.4 0.20
SI SAUDI ARABIA			T A R		S N		
CAYAC		CARLTON 100'S	* 100	F 39	0.9 1.0**	0.11 0.10**	2.6 0.02
SHRAC		SILK CUT SUPER LOW	KS	F 33	1.0 1.0**	0.15 0.10**	
GPAAC		GOLD COAST ULTRA LIGHTS	LS	F 29	2.3 4.0**	0.18 0.40**	
BBNEC		BARCLAY ULTRA LIGHTS	KS	F 35	2.7 2.0**	0.25 0.20**	4.4 0.05
MEZ02	RICHMOND	+MERIT ULTRA LIGHTS	KS	F 35	3.4 4.0**	0.33 0.40**	4.4 0.03
SIFEC		SILK CUT ULTRA LOW TAR	* KS	F 33	3.5 5.0**	0.37 0.50**	
RGLAC		REGAL LOW TAR	KS	F 34	3.8 5.0**	0.41 0.60**	3.8 0.09
BBABC		BARCLAY 100'S	100	F 39	3.9 6.0**	0.33 0.60**	
BAXHC		BARCLAY	KS	F 35	4.1 5.0**	0.35 0.50**	
CBCHC		CARTIER VENDOME LIGHTS	100	F 33	4.3 6.0**	0.42 0.60**	5.0 0.07
RTYBC		ROTHMANS LIGHTS	KS	F 31	4.5 6.0**	0.45 0.60**	
VAL02	SERRIERES	+VISA LIGHTS	LS	F 27	4.7 8.0**	0.39 0.60**	
KEDDC		KENT LIGHTS DE LUXE	100	F 39	5.3 6.0**	0.40 0.60**	6.1 0.13
MER22	RICHMOND	+MERIT KING SIZE	KS	F 35	6.3 8.0**	0.49 0.60**	
SIJIC		SILK CUT EXTRA MILD	KS	F 28	6.3 7.0**	0.57 0.70**	
MLX04	RICHMOND	+MARLBORO LIGHTS	KS	F 35	6.4 8.0**	0.48 0.60**	6.9 0.08
GLYAC		GOLD COAST LIGHTS	LS	F 29	6.6 8.0**	0.43 0.70**	
GACAC		GALLANT MILD	KS	F 30	6.8 8.0**	0.49 0.80**	
LMA01	RICHMOND	+L & M LIGHTS	KS	F 35	6.8 8.0**	0.51 0.60**	7.5 0.14
DHFMC		DUNHILL	KS	F 28	7.0 12.0**	0.60 0.80**	
RTKFC		ROTHMANS	KS	F 28	7.1 12.0**	0.60 0.80**	
VCYBC		VICEROY	KS	F 29	7.4 12.0**	0.59 0.80**	8.9 0.15
MLK36	RICHMOND	+MARLBORO KING SIZE	KS	F 29	7.7 12.0**	0.59 0.80**	
DHQQC		DUNHILL SPECIAL LIGHTS	KS	F 29	7.9 10.0**	0.60 0.70**	
LMM01	RICHMOND	+L & M MENTHOL LONGS	100	F 35	8.1 12.0**	0.62 0.80**	9.0 0.16
MISAC		MILD SEVEN CHARCOAL	KS	F 33	8.2 12.0**	0.59 0.80**	10.0 0.11
BNFEC		BENSON & HEDGES SPECIAL F.	KS	F 28	8.2 12.0**	0.72 0.80**	8.2 0.09
MLH08	RICHMOND	+MARLBORO 100'S	100	F 35	8.3 12.0**	0.61 0.80**	
MLF28	RICHMOND	+MARLBORO	LS	F 27	8.4 12.0**	0.61 0.80**	
VAF02	SERRIERES	+VISA	LS	F 27	8.4 12.0**	0.61 0.80**	
LMB16	RICHMOND	+L & M	LS	F 27	8.6 12.0**	0.63 0.80**	10.2 0.18
VCPAC		VICEROY LIGHTS	KS	F 35	9.1 10.0**	0.64 0.80**	
KEKHC		KENT KING SIZE	KS	F 29	9.5 12.0**	0.69 0.80**	

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CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.NM	S M O K E	Y I E L D (MG/CIG)	C O N O (MG/CIG)
SI SAUDI ARABIA			T A R		S N		
KAMAC		KAMARAN	KS	F 28	9.6 12.0**	0.79 0.80**	
WIKKC		WINSTON KING SIZE	KS	F 29	9.7 12.0**	0.60 0.80**	
PGLAC		PLAYER'S GOLD LEAF	KS	F 28	9.9 12.0**	0.77 0.80**	
LODCC		LONDON	* KS	F 28	10.0 12.0**	0.53 0.80**	
GOZCC		GOLD COAST	LS	F 29	10.0 12.0**	0.58 0.80**	12.3 0.27
GAEAC		GALLANT EXPORT	KS	F 30	11.2 12.0**	0.72 0.80**	12.9 0.17
CLQCC		CLEOPATRA 100'S	100	F 38	11.4 12.0**	0.66 0.80**	
CLPDC		CLEOPATRA	KS	F 33	11.9 12.0**	0.70 0.80**	11.3 0.18
CHOAC		CHAMPION MILD MENTHOL	KS	F 29	13.3 12.0**	1.04 0.80**	9.0 0.08
HORAC		HOPE 100'S MENTHOL	100	F 33	13.4 12.0**	0.67 0.80**	14.2 0.13
SN SENEGAL			T A R		S N		
MLF47	M T O A	+MARLBORO	LS	F 28	15.0 15.8**	1.06 1.09**	13.5 0.21
ES SPAIN			T A R		S N		
MEQ05	PM ST-CRUZ	+MERIT	LS	F 30	9.2 8.0**	0.67 0.60**	11.5 0.21
MLL10	PM ST-CRUZ	+MARLBORO LIGHTS	LS	F 30	9.7 9.0**	0.70 0.70**	10.6 0.18
MLX18	PM ST-CRUZ	+MARLBORO LIGHTS	KS	F 34	10.0 10.0**	0.72 0.80**	9.5 0.17
CEL02	PM ST-CRUZ	+CHESTER- FIELD LIGHTS	LS	F 28	10.4 11.0**	0.74 0.80**	12.6 0.19
MLF62	TABACA LOG	+MARLBORO	* LS	F 28	13.6 16.0**	0.89 1.00**	14.0 0.21
CEB08	PM ST-CRUZ	+CHESTER- FIELD	LS	F 28	13.7 15.0**	0.88 1.00**	14.4 0.20
CEK08	PM ST-CRUZ	+CHESTER- FIELD	KS	F 29	14.7 16.0**	0.98 1.20**	14.7 0.23
LAB03	PM ST-CRUZ	+LARK	LS	F 28	15.2 15.0**	1.02 1.10**	14.3 0.24
MLK45	PM ST-CRUZ	+MARLBORO KING SIZE	KS	F 29	15.7 17.0**	1.01 1.10**	15.0 0.23
MLF55	PM ST-CRUZ	+MARLBORO	LS	F 28	16.0 16.0**	1.00 1.00**	16.3 0.24
CER08	PM ST-CRUZ	+CHESTER- FIELD NON FILTER	REG NF	23	21.9 19.0**	1.33 1.30**	13.6 0.18
MT SULTANATE OF OMAN			T A R		S N		
STBIC		555 STATE EXPRESS	KS	F 28	9.0 12.0**	0.75 0.80**	9.2 0.05
CBBBC		CAPSTAN	KS	F 28	10.5 12.0**	0.67 0.80**	8.9 0.11
SW SWEDEN			T A R		S N		
BLKAC		BLEND ULTIMA	LS	F 32	1.3 1**	0.16 0.2**	1.5 0.02
BDU01	ONNENS	+BOND ULTRA MILD	LS	F 35	1.4 1**	0.17 0.1**	1.2 0.03
BDN01	ONNENS	+BOND ULTRA MILD MENTHOL	LS	F 35	1.7 1**	0.19 0.1**	1.5 0.03
BLGAC		BLEND ULTRA	LS	F 28	4.3 4**	0.40 0.5**	3.6 0.04
BLIAC		BLEND ULTRA MENTHOL	LS	F 28	4.6 4**	0.46 0.5**	4.5 0.05
BAXFC		BARCLAY	KS	F 35	4.9 6**	0.52 0.6**	6.3 0.09
CCHBC		CAMEL EXTRA LIGHTS	LS	F 29	6.5 6**	0.58 0.5**	7.0 0.13
MER13	SERRIERES	+MERIT	KS	F 36	6.6 9**	0.50 0.7**	8.9 0.15
BLEAC		BLEND EXTRA	LS	F 28	6.7 7**	0.66 0.7**	5.7 0.07
PML03	SERRIERES	+PHILIP MORRIS LIGHTS	KS	F 36	6.9 8**	0.56 0.6**	7.1 0.10
PCRAC		PRINCE EXTRA LIGHTS	LS	F 28	7.6 8**	0.72 0.8**	6.9 0.09
BLRAC		BLEND SUPERLONG	100	F 28	9.4 10**	0.88 1.0**	7.5 0.09
BLDAC		BLEND	LS	F 28	9.6 11**	0.83 1.0**	8.0 0.07
CACEC		CAMEL LIGHTS	LS	F 27	9.7 11**	0.77 0.9**	8.6 0.15
MLI03	SERRIERES	+MARLBORO MENTHOL LIGHTS	KS	F 36	10.0 11**	0.77 0.8**	10.9 0.14
MLY04	SERRIERES	+MARLBORO LIGHTS	KS	F 36	10.2 11**	0.70 0.8**	11.1 0.16
BDY01	ONNENS	+BOND MILD	LS	F 28	11.0 11**	0.88 0.9**	10.4 0.12

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SW SWEDEN			T A R		S N			
PCKAC		PRINCE LIGHTS	LS	F 28	11.1 10**	0.99 1.0**	10.5	0.13
PCGAC		PRINCE LIGHTS	KS	F 28	11.9 11**	1.03 1.0**	10.1	0.12
PMM04	SERRIERES	+PHILIP MORRIS MULTIFILT.	KS	F 29	12.3 15**	0.87 1.0**	14.9	0.11
BDR01	ONNENS	+BOND	LS	F 28	12.3 13**	0.94 1.0**	10.2	0.13
CRM02	ONNENS	+CHECKER MENTHOL	LS	F 28	12.4 13**	0.94 1.0**	11.1	0.11
CABKC		CAMEL	LS	F 27	13.5 14**	1.12 1.2**	10.7	0.18
MLE01	SERRIERES	+MARLBORO	LS	F 27	14.4 15**	1.04 1.1**	14.6	0.17
MLK15	SERRIERES	+MARLBORO KING SIZE	KS	F 29	14.5 16**	0.93 1.1**	14.1	0.19
MLH04	SERRIERES	+MARLBORO 100'S	* 100	F 36	14.6 16**	1.01 1.2**	14.9	0.19
PCBBC		PRINCE	LS	F 28	14.9 15**	1.21 1.3**	13.1	0.16
CEK04	ATO HYRYLA	+CHESTER- FIELD NON FILTER	KS	MF 23	17.5 19**	1.21 1.4**	10.0	0.16
PCFBC		PRINCE	KS	F 28	17.8 14**	1.32 1.3**	14.1	0.18
CH SWITZERLAND			T A R		S N			
SEIAC		SELECT ULTRA	KS	F 33	0.6 1**	0.10 0.1**	1.0	0.02
FLLO2	ONNENS	+FLINT ULTRA	LS	F 33	1.2 1**	0.12 0.1**	1.9	0.03
MYBAC		MARYLONG NO 1	LS	F 33	1.5 1**	0.12 0.2**	2.4	0.04
PMU06	SERRIERES	+PHILIP MORRIS ULTRA LGTS	KS	F 36	1.5 1**	0.15 0.1**	3.3	0.06
RMVCC		R6 ULTRA	KS	F 33	1.8 2**	0.21 0.2**	3.6	0.04
BRU01	ONNENS	+BRUNETTE ULTRA	LS	F 33	1.8 3**	0.22 0.3**	1.9	0.03
CCPAC		CARTIER VENDOME ULTRA LGTS PR	100	F 33	1.8 4**	0.24 0.4**	1.8	0.03
SEKAC		SELECT LIGHTS	KS	F 33	1.9 2**	0.16 0.2**	2.1	0.03
PHU03	SERRIERES	+PHILIP MORRIS ULTRA LGTS	100	F 39	1.9 2**	0.19 0.2**	4.4	0.06
BBNAC		BARCLAY ULTRA LIGHTS	KS	F 35	2.3 2**	0.21 0.2**	2.8	0.04
FLT02	ONNENS	+FLINT NO.3	LS	F 33	2.3 3**	0.23 0.3**	2.4	0.04
MAG02	SERRIERES	+MURATTI EXTRA	KS	F 36	2.9 3**	0.24 0.3**	4.8	0.07
MAT01	SERRIERES	+MURATTI EXTRA 100'S	100	F 38	3.1 3**	0.25 0.3**	4.7	0.07
MCLBC		MAROCAINE AROMA MILD	LS	F 29	3.2 3**	0.24 0.3**	2.8	0.05
MEZ03	SERRIERES	+MERIT ULTRA LIGHTS	KS	F 36	3.2 4**	0.25 0.4**	3.5	0.07
PMS03	SERRIERES	+PHILIP MORRIS SUPER L.	KS	F 36	3.2 4**	0.31 0.4**	4.2	0.07
MAO01	SERRIERES	+MURATTI LIGHTS	KS	F 36	4.1 4**	0.38 0.4**	3.7	0.06
RMQAC		R6	KS	F 33	4.2 4**	0.37 0.4**	5.0	0.08
BAXBC		BARCLAY	KS	F 35	4.3 5**	0.40 0.5**	5.1	0.07
PHS05	SERRIERES	+PHILIP MORRIS 100 SUPER L.	100	F 39	4.4 5**	0.40 0.4**	5.0	0.08
PAUAC		PARISIENNE EXTRA	KS	F 33	4.5 4**	0.41 0.4**	3.9	0.06
MYCAC		MARYLONG EXTRA	LS	F 29	4.9 5**	0.33 0.5**	7.1	0.11
CACAC		CAMEL LIGHTS	KS	F 33	5.2 5**	0.43 0.5**	4.5	0.08
BBAAC		BARCLAY 100'S	100	F 35	5.3 6**	0.51 0.6**	7.4	0.10
MAB01	SERRIERES	+MURATTI 2000	KS	F 36	5.6 6**	0.42 0.5**	9.0	0.08
FLI02	SERRIERES	+FLINT	LS	F 27	5.7 6**	0.43 0.5**	8.0	0.13
PATAC		PARISIENNE SPECIAL FILTRE	KS	F 30	5.9 7**	0.57 0.6**	5.3	0.09
MPS06	SERRIERES	+MULTI- FILTER 100'S E.L.	100	F 33	6.0 6**	0.56 0.6**	6.0	0.06
MYHAC		MARYLONG DOUBLE FILTRE	LS	F 29	6.1 7**	0.44 0.6**	5.2	0.08
BRE01	SERRIERES	+BRUNETTE EXTRA	LS	F 27	6.1 6**	0.50 0.4**	7.3	0.11
MLI02	SERRIERES	+MARLBORO MENTHOL LIGHTS	KS	F 36	6.3 7**	0.50 0.5**	8.6	0.11
MAH01	SERRIERES	+MURATTI 2000 EXTRA LONGS	100	F 36	6.4 7**	0.49 0.6**	10.5	0.09
MCEAC		MAROCAINE EXTRA	LS	F 29	6.5 7**	0.49 0.6**	5.1	0.09
MER13	SERRIERES	+MERIT	KS	F 36	6.6 7**	0.50 0.5**	8.9	0.15
STA04	SERRIERES	+STAR	KS	F 36	7.2 8**	0.61 0.6**	7.2	0.09
CEN01	SERRIERES	+CHESTER- FIELD LIGHTS	KS	F 36	7.5 8**	0.57 0.6**	8.8	0.11
SELAC		SELECT	KS	F 30	7.8 7**	0.66 0.6**	6.4	0.08

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2500077775

BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MH	SMOKE	YIELD	(MG/CIG)	C O	N O
								(MG/CIG)	
CH SWITZERLAND			T A R			S N			
MAK08	SERRIERES	+MURATTI AMBASSADOR KING SIZE	KS	F 30	8.0	9**	0.67 0.7**	7.5	0.07
PLL02	RICHMOND	+PARLIAMENT	LS	F 33	8.1	9**	0.61 0.7**	8.8	0.17
GAZEC		GAULOISES BLONDES LEGERES	KS	F 29	8.1	8**	0.66 0.7**	8.4	0.12
VIT01	RICHMOND	+VIRGINIA SLIMS LIGHTS	100	F 39	8.3	9**	0.61 0.7**	8.3	0.16
MLX30	SERRIERES	+MARLBORO LIGHTS	KS	F 36	8.3	9**	0.62 0.7**	9.7	0.14
PAGAC		PARISIENNE MILD	KS	F 30	8.3	9**	0.69 0.8**	7.3	0.11
LSMAC		LUCKY STRIKE MILD	KS	F 35	8.4	9**	0.72 0.8**	8.4	0.14
MYAAC		MARYLONG DOUCE	LS	F 29	8.6	9**	0.64 0.8**	7.6	0.10
MPH13	SERRIERES	+MULTI- FILTER 100'S	100	F 33	8.7	9**	0.75 0.8**	10.3	0.10
MHX13	SERRIERES	+MARLBORO LIGHTS 100'S	100	F 36	8.9	10**	0.68 0.8**	9.3	0.14
BRM01	ONNENS	+BRUNETTE DOUCE	LS	F 27	9.2	9**	0.71 0.8**	7.9	0.13
CAHBC		CAMEL MILD	KS	F 29	10.2	9**	0.79 0.9**	10.4	0.11
GJFAC		GAULOISES JAUNE	REG	F 23	10.4	10**	0.66 0.7**	14.4	0.42
MYGAC		MARYLONG	LS	F 29	10.6	12**	0.69 0.9**	10.1	0.13
PLL03	RICHMOND	+PARLIAMENT 100'S	100	F 39	11.1	11**	0.90 0.9**	11.4	0.21
MEK04	SERRIERES	+MERCEDES	* KS	F 29	11.2	11**	0.82 0.8**	12.4	0.09
MCSAC		MAROCAINE SUPER	LS	F 29	11.5	12**	0.75 0.9**	9.9	0.14
PASAC		PARISIENNE SUPER	KS	F 30	11.5	14**	0.86 0.9**	9.8	0.13
RAH05	CARROLL	+RAFFLES 100'S	* 100	F 34	12.0	15**	1.09 1.4**	13.5	0.07
CHF01	ONNENS	+CHAMPION	* LS	F 27	12.1	14**	1.02 1.3**	13.2	0.07
DHVC		DUNHILL INTERNAT.	100	F 33	12.3	12**	1.14 1.1**	10.2	0.05
LAG01	MUNICH	+LARK	KS	F 29	12.6	16**	0.94 1.2**	12.9	0.20
MSK01	SERRIERES	+MS	KS	F 29	12.6	15**	0.99 1.1**	14.6	0.28
CEG14	SERRIERES	+CHESTER- FIELD	KS	F 29	12.7	14**	0.88 1.0**	11.4	0.14
GBACC		GAULOISES BLONDES	KS	F 29	12.9	14**	0.81 0.9**	13.7	0.19
NPF01	SERRIERES	+NORTH POLE MENTHOL	LS	F 27	13.0	13**	0.78 0.9**	11.9	0.14
LSBEC		LUCKY STRIKE	KS	F 29	13.2	15**	1.01 1.1**	12.0	0.20
BRD01	SERRIERES	+BRUNETTE DOUBLE FILTRE	LS	F 27	13.6	14**	0.99 0.9**	12.5	0.20
EVL03	RICHMOND	+EVE 120'S	120	F 39	13.7	15**	0.99 1.1**	11.5	0.22
WIBKC		WINSTON	KS	F 29	13.8	15**	0.99 1.1**	13.1	0.17
DIK04	SERRIERES	+DIANA	KS	F 29	13.9	15**	0.88 1.0**	15.2	0.12
EVR01	RICHMOND	+EVE 100'S	100	F 35	14.1	15**	0.99 1.1**	11.9	0.21
WSUEC		WEST	KS	F 29	14.2	14**	0.92 1.0**	14.0	0.15
REF02	SERRIERES	+REGENT	KS	F 29	14.3	15**	0.91 1.0**	14.6	0.10
CAKBC		CAMEL	KS	F 29	14.3	14**	1.00 1.1**	13.4	0.21
SAR01	RICHMOND	+SARATOGA 120'S	120	F 40	14.3	15**	1.03 1.2**	13.1	0.21
ALF01	SERRIERES	+ARLETTE	LS	F 27	14.4	13**	0.68 0.8**	16.3	0.26
MLK15	SERRIERES	+MARLBORO KING SIZE	KS	F 29	14.5	14**	0.93 1.0**	14.1	0.19
MLH04	SERRIERES	+MARLBORO 100'S	* 100	F 36	14.6	15**	1.01 1.0**	14.9	0.19
LMO01	SERRIERES	+L & M FULL FLAVOR	KS	F 29	14.9	14**	1.09 1.0**	15.0	0.17
BRF02	SERRIERES	+BRUNETTE	LS	F 27	16.2	15**	1.06 1.0**	13.1	0.15
BYDEC		CAMEL 100'S	100	F 33	16.2	15**	1.31 1.1**	13.6	0.18
GBSCC		GAULOISES BLEU NON FILTRE	REG	NF 23	16.3	17**	1.22 1.2**	12.0	0.38
BRP01	ONNENS	+BRUNETTE	LS	NF 23	17.0	17**	1.12 1.1**	9.5	0.12
PMK03	SERRIERES	+PHILIP MORRIS NON FILTER	KS	NF 23	18.5	20**	1.22 1.4**	10.9	0.14
TN TUNISIA			T A R			S N			
LAH02	RICHMOND	+LARK 100'S	100	F 36	13.1		0.95	12.5	0.22
ROQAC		ROYALE EXTRA LONGUE	100	F 33	13.7		1.01	15.9	0.19
MLF54	RICHMOND	+MARLBORO	LS	F 27	14.6		0.95	13.3	0.25
MAQAC		20 MARS INTERNAT.	LS	F 28	15.6		0.91	15.8	0.26

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BRANDS RANKED ACCORDING TO DPM OR TAR DELIVERY

CODE	PROD.CTER.	BRAND NAME	SIZE	BUTT L.MM	S M O K E	Y I E L D (MG/CIG)	C O	N O (MG/CIG)
TN TUNISIA			T A R			S N		
ELKAC		EL KHADRA	REG F	23	21.8	1.05	18.1	0.36
MBGAC		20 MARS	KS F	23	23.4	1.42	16.3	0.36
BOEAC		BOUSSETTA	REG NF	23	23.5	1.13	13.5	0.25
CRTAC		CRISTAL	KS F	23	26.7	1.49	21.1	0.30
GB UNITED KINGDOM			T A R			S N		
MLX31	MUNICH	+MARLBORO LIGHTS	KS F	35	5.4 6.0**	0.45 0.50**	6.1	0.07
MLX32	IXELLES	+MARLBORO LIGHTS	KS F	35	5.9 6.0**	0.50 0.50**	6.1	0.08
MHX15	MUNICH	+MARLBORO LIGHTS 100'S	100 F	35	6.5 7.0**	0.53 0.60**		
RAH05	ROTHMANS D	+RAFFLES 100'S	100 F	34	12.7 13.0**	1.17 1.10**	14.7	0.08
MHC04	MUNICH	+MARLBORO 100'S	100 F	33	13.2 13.0**	0.96 0.90**		
MLB25	IXELLES	+MARLBORO KING SIZE	KS F	29	14.2 13.0**	0.93 0.90**	13.6	0.19
YU YUGOSLAVIA			T A R			S N		
CEG15	SERRIERES	+CHESTER- FIELD	KS F	29	15.0	0.97	13.6	0.16
BSK01	SARAJEVO	+BOND STREET	KS F	28	15.8	0.95	17.7	0.10
MLK05	SARAJEVO	+MARLBORO KING SIZE	KS F	28	16.0	1.07	16.0	0.24

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SPECIAL FEATURES

1. Removal of expanded tobacco containing traces of Freon

The removal of expanded tobacco was not observed in any brands during this period.

Please, refer to the complete list of brands in this section.

2. Change in printed numbers for PM and competitors' brands

A change in printed numbers was observed on 17 PM brands and 22 competitors' brands.

Please, refer to the complete list of brands in this section.

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BRANDS NO LONGER CONTAINING EXPANDED TOBACCO

Brand	Manufacturer/ Country of sale	ET [%]	Since	Density [mg/mL]	Tob. Wgt [mg/cig.]	Firmness at 12.5% OV [mm]	Cigarette Diameter [mm]
Camel KS	Reynolds/DB	0 (7)	02.90	238 (234)	744 (739)	3.01 (2.79) F	7.95 (7.99) D
Peter Stuyvesant KS	Turmac/FR	0 (8)	02.90	240 (242)	738 (724) T	3.03 (2.82) F	7.96 (7.93)
Rothmans KS	Turmac/FR	0 (8)	04.90	251 (242)	763 (736) T	2.72 (2.84)	7.91 (7.90)
Camel 100	Reynolds/DB	0 (10)	06.90	234 (229)	867 (849) T	2.89 (3.03)	7.94 (7.93)
Camel Lights	Reynolds/DB	0 (16)	07.90	231 (229)	722 (719)	3.05 (2.62) F	7.96 (7.97)
Belga	Vander Elst/BE	0 (2)	07.90	261 (264)	860 (866)	2.99 (2.48) F	8.44 (8.42)
Dunhill Int.	Sullana/CH	0 (4)	11.90	249 (251)	862 (862)	2.82 (2.84)	8.00 (7.96)
Camel KS	Reynolds/IT	0 (14)	11.90	240 (231)	745 (727) T	2.74 (2.55) F	7.91 (7.97) D
Camel KS	Gosset (RJR)/BE	0 (11)	12.90	231 (231)	726 (730)	3.05 (2.82) F	7.96 (8.00) D
Camel 100	Reynolds/GR	0 (12)	12.90	227 (234)	822 (868) C	2.75 (2.84)	7.89 (7.95) D
Camel Lights	Reynolds/GR	0 (16)	12.90	233 (226)	729 (714)	3.13 (2.64) F	7.95 (7.99) D
Vantage	Karelias/GR	0 (21)	12.90	226 (218)	706 (687) T	2.94 (2.48) F	7.94 (7.99) D
Tivoli Very Mild KS	Laurens/NL	0 (2)	12.90	253 (246)	778 (755) T	2.88 (2.96)	7.95 (7.94)
Camel 100	Reynolds/CH	0 (12)	01.91	233 (226)	855 (838) T	3.23 (3.09)	7.90 (7.94) D
Winston KS	Reynolds/CH	0 (12)	01.91	239 (235)	749 (732) T/C	3.13 (2.83) F	7.96 (7.93)
Camel KS	Reynolds/NL	0 (11)	01.91	244 (241)	764 (759)	2.85 (2.64)	7.96 (7.98) D
Camel Mild KS	Reynolds/FR	0 (14)	01.91	235 (229)	734 (717) T	2.95 (2.68) F	7.94 (7.97) D
Camel KS	Reynolds/FR	0 (10)	01.91	246 (240)	770 (756) T	2.79 (2.84)	7.96 (7.98) D
Rothmans KS	Turmac/IT	0 (5)	02.91	243 (238)	744 (732)	2.70 (2.72)	7.93 (7.95) D
Camel Extra Mild	Reynolds/FR	0 (15)	02.91	230 (229)	720 (721)	3.08 (2.61) F	7.95 (7.98) D
Camel Mild KS	Reynolds/NL	0 (11)	02.91	234 (239)	728 (754)	2.88 (2.78)	7.93 (7.98) D
Caballero KS	Laurens/NL	0 (2)	02.91	250 (251)	757 (770)	3.04 (2.81) F	7.89 (7.94) D

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BRANDS NO LONGER CONTAINING EXPANDED TOBACCO

Brand	Manufacturer/ Country of sale	ET [%]	Since	Density [mg/ml]	Tob. Wgt [mg/cig.]	Firmness at 12.5% OV [mm]	Cigarette Diameter [mm]
Camel Lights KS	Reynolds/IT	0 (12)	03.91	234 (226)	728 (709) T	3.31 (2.95) F	7.94 (7.97) D
Camel Lights 100	Reynolds/IT	0 (13)	03.91	237 (232)	865 (851)	2.97 (2.74)	7.92 (7.92)
Winston KS	Gosset/BE	0 (10)	03.91	237 (238)	744 (748)	3.15 (2.66) F	7.97 (7.98)
Camel KS	Reynolds/CH	0 (11)	04.91	241 (235)	747 (734)	2.89 (2.98)	7.92 (7.95) D
Peter Stuy. L.L	Turmac/FR	0 (4)	04.91	246 (242)	837 (826)	2.78 (2.59)	7.92 (7.94) D
Peter Stuyvesant	Turmac/NL	0 (3)	05.91	240 (239)	741 (733)	2.96 (2.90)	7.96 (7.93)
Winston	Reynolds/NL	0 (10)	05.91	244 (241)	760 (758)	2.84 (2.57) F	7.93 (7.98) D
Camel Mild	Reynolds/CH	0 (16)	05.91	229 (216)	723 (689) T	3.05 (2.87) F	7.98 (8.02) D
Winston Lights KS	Reynolds/FR	0 (17)	06.91	235 (229)	731 (719)	2.98 (2.68) F	7.93 (7.97) D
Winston KS	Reynolds/FR	0 (10)	06.91	251 (236)	777 (746) T	3.08 (2.59) F	7.91 (8.00) D
Camel 100	Reynolds/IT	0 (8)	07.91	244 (237)	912 (875) T	2.79 (2.84)	7.96 (7.95)
Gold Cost Lights	Reynolds/SI	0 (12)	08.91	221 (223)	632 (651)	2.89 (2.67) F	7.93 (7.98) D
Camel Extra Lights	Reynolds/IT	0 (13)	09.91	231 (226)	725 (715)	3.00 (2.63) F	7.97 (7.99) D
Dunhill Sup.M.Int.	Turmac/FR	0 (4)	09.91	241 (237)	830 (825)	3.14 (3.12)	7.97 (8.01) D
Winston KS	Reynolds/EG	0 (13)	10.91	232 (234)	742 (748)	2.86 (2.55) F	7.97 (7.97)
Peter Stuyves. KS	Jubile/BE	0 (3)	10.91	261 (249)	801 (769)T	2.58 (3.11)	7.94 (7.96) D
Camel Lights LS	Rettig Strengb/SF	0 (22)	11.91	218 (217)	654 (648)	3.15 (2.59) F	7.98 (7.96)

N.A. : not analysed

ET : Expanded Tobacco

C : change in cigarette construction

D : decrease in cigarette diameter

F : increase in Firmness values

T : increase in tobacco weight

() : previous average

08/770009Z

CHANGE IN PRINTED NUMBERS

The printed numbers of the following brands were changed:

PM BRANDS

Country of sale	Brand	Old printed numbers				New printed numbers			
		DPM	TAR	SN	CO	DPM	TAR	SN	CO
Belgium	North Pole Menthol	15.9		0.89		14		0.9	
	Visa Rouge	14.5		1.05		14		1.0	
	Visa Verte	14.5		0.95		14		0.9	
France	Battistoni	14.4		0.95		14		1.0	
	Chesterfield KS	14.9		1.14		14		1.0	
	Philip Morris Super L.	3.9		0.40		4		0.3	
Greece	Marlboro Lights	9.0		0.70		9		0.6	
Netherlands	Chesterfield	15		0.9		15		1.1	
Italy	Muratti Amb. E. M. (Bergen)	8.5		0.7		6		0.5	
	Muratti Amb. U. M. (Bergen)	4.5		0.4		3		0.3	
Nigeria	Green Spot Menthol					15		1.0	
	Link LS					15		1.0	
	Link Non Filter					21		1.5	
	Target					15		1.0	
Switzerland	Brunette LS NF	19		1.2		17		1.1	
	Mercedes	16		1.1		11		0.8	
	Marlboro KS	15		1.1		14		1.0	

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COMPETITORS' BRANDS

Country of sale	Brand	Old printed numbers				New printed numbers			
		DPM	TAR	SN	CO	DPM	TAR	SN	CO
Belgium	Belga Extra Legere	8.7		0.80		8		0.8	
	Belga Ultra Legere	2.9		0.30		3		0.2	
	Boule d'Or Legere	12.8		1.10		12		1.0	
	Camel KS	15.5		1.08		14		1.0	
	Kent KS	13.9		1.09		13		1.0	
	Richmond	14.9		1.20		15		1.2	
	Winston KS	15.2		1.05		14		1.0	
Germany	Golden American	15.0		1.0		14		1.0	
Italy	Cartier Luxury Mild					11		0.9	
	Camel Non Filter					16		1.2	
	Camel Extra Lights	5.0		0.50		4		0.4	
	Capri Menthol					8		0.8	
	Kim Ultra Slim					7		0.7	
	Kim Leggera	9.0		0.60		8		0.6	
	Lido Blu Extra Mild					10		0.7	
	Lucky Strike Lights	9.0		0.70		6		0.6	
	MS International					10		1.0	
	MS Lights	4.8		0.40		4		0.35	
	Now	1.4		0.2		1		0.1	
Switzerland	R6 Ultra	3.0		0.3		2		0.2	
	Gauloises Bleu Non Filtre	19.0		1.20		17		1.2	
	Gauloises Jaunes	12.0		0.80		10		0.7	

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BRAND MODIFICATIONS

THE PURPOSE OF THIS SECTION IS TO MAKE YOU AWARE OF THE MAIN MODIFICATIONS DETECTED ON PM AND COMPETITORS' BRANDS. THE FIRST PART GIVES COMMENTS ON THE MODIFICATIONS WHILE THE SECOND PART IS FORMED OF TABLES IN WHICH AN ASTERISK INDICATES THOSE PARAMETERS WHERE A CHANGE WAS FOUND. PLEASE NOTE THAT ALL THE SMOKE DELIVERY RESULTS REPORTED WERE DETERMINED ACCORDING TO THE NEW ISO STANDARDS.

COMMENTS ON BRAND MODIFICATIONS DETECTED DURING THE PERIOD 4-5/1992

B E L G I U M

ARMADA KS /F (ARK04)

THE FILTER LENGTH WAS INCREASED AS PLANNED (2 MM) CAUSING AN INCREASE IN BUTT LENGTH (2 MM). THE VENTILATION WAS REDUCED. THIS RESULTED IN AN INCREASE IN TAR VALUE.

VALUES FOUND : TAR/SN = 13.8/0.92
PRINTED VALUES : TAR/SN = 14 /0.9

BELGA EXTRA LEGERE REG/F (BGEAC)

A SLIGHT INCREASE IN VENTILATION WAS OBSERVED AS WELL AS A DECREASE IN TOTAL ALKALOID CONTENT OF TOBACCO. THIS RESULTED IN A DECREASE IN SMOKE DELIVERIES. THE TAR PRINTED VALUE WAS REDUCED FROM 8.7 TO 8 MG.

VALUES FOUND : TAR/SN = 7.4/0.55
PRINTED VALUES : TAR/SN = 8 /0.8

WINSTON KS /F (WIBOC)

THE TIPPING PAPER, MICRO-LASER PERFORATED ON THE MAKER, WAS REPLACED BY AN ELECTRICALLY PERFORATED TIPPING. THE VENTILATION REMAINED PRACTICALLY CONSTANT AS WELL AS THE TAR VALUE. A DECREASE IN CO AND NO VALUES WAS OBSERVED.

VALUES FOUND : TAR/SN = 13.2/1.02
PRINTED VALUES : TAR/SN = 14 /1.0 (PREVIOUSLY 15.2/1.05).

C Z E C H O S L O V A K I A

CLEA KS /F (CCLAC)

RECENT ANALYTICAL RESULTS FOR THIS BRAND PRODUCED BY CSTP.

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C Z E C H O S L O V A K I A

MARS M 20 REG/F (MMAAC)

RECENT ANALYTICAL RESULTS FOR THIS BRAND PRODUCED BY CSTP.

MILDE SORTE KS /F (MSDFC)

RECENT ANALYTICAL RESULTS FOR THIS BRAND PRODUCED BY CSTP.

F I N L A N D

L & M KS /F (LMK19)

THE BLEND WAS MODIFIED. THIS RESULTED IN AN INCREASE IN DPM VALUE.

VALUES FOUND : DPM/SN/CO = 14.1/0.88/11.1
PRINTED VALUES : DPM/SN/CO = 14 /0.9 /12

G R E E C E

MARLBORO KING SIZE KS /F (MLK02)

THE VENTILATION WAS REDUCED AS PLANNED. THE TAR VALUE REMAINED PRACTICALLY CONSTANT.

VALUES FOUND : TAR/SN = 14.5/0.95
PRINTED VALUES : TAR/SN = 14 /1.0

H U N G A R Y

MULTI- FILTER 100'S 100/F (MPH19)

NEW BRAND PRODUCED BY PM EGRI.

I T A L Y

CARTIER LUXURY MILD 100/F (CAIAC)

A DECREASE IN VENTILATION WAS OBSERVED FROM 34 TO 18 %.

VALUES FOUND : TAR/SN = 10.8/0.94
PRINTED VALUES : TAR/SN = 11 /0.9 (NEW INTRODUCTION).

2500077785

I T A L Y

KIM ULTRA SLIM 100/F (KIDAC)

THE TIPPING PAPER, MICRO-LASER PERFORATED BY THE SUPPLIER, WAS REPLACED BY A TIPPING MICRO-LASER PERFORATED ON THE MAKER DURING ACTUAL PRODUCTION. THE VENTILATION WAS INCREASED CAUSING A DECREASE IN SMOKE DELIVERIES.

VALUES FOUND : TAR/SN = 6.6/0.65
PRINTED VALUES : TAR/SN = 7 /0.7 (NEW INTRODUCTION).

LUCKY STRIKE LIGHTS KS /F (LSAAC)

THE TIPPING PAPER LENGTH WAS INCREASED BY 7 MM CAUSING AN INCREASE IN BUTT LENGTH (6 MM). AN INCREASE IN FILTER WEIGHT AND FILTER RTD WAS ALSO OBSERVED AS WELL AS A DECREASE IN VENTILATION. THE TAR AND SMOKE NICOTINE VALUES DECREASED.

VALUES FOUND : TAR/SN = 5.7/0.49
PRINTED VALUES : TAR/SN = 6 /0.6 (PREVIOUSLY 9/0.7).

MARLBORO KING SIZE KS /F (MLK01)

FIRST PRODUCTION BY MTI MODENA.

VALUES FOUND : TAR/SN = 14.2/0.89
PRINTED VALUES : TAR/SN = 14 /1.0

MERCEDES KS /F (MEK03)

THE CIGARETTE WAS MODIFIED TO REDUCE THE SMOKE DELIVERIES (FIRENZE PRODUCTION). THE PRODUCTION WILL SOON BE TRANSFERRED TO ROVERETO.

VALUES FOUND : TAR/SN = 10.4/0.75
PRINTED VALUES : TAR/SN = 11 /0.8

MS MILD KS /F (MSPAC)

THE VENTILATION WAS REDUCED AND THE CIGARETTE DIAMETER WAS INCREASED. THE TAR AND THE SMOKE NICOTINE VALUES NOW CORRESPOND TO THE PRINTED NUMBERS. IT SHOULD BE NOTED THAT A LARGE VARIATION OF VENTILATION WAS OBSERVED FROM ONE MONTH TO THE OTHER.

VALUES FOUND : TAR/SN = 8.6/0.77
PRINTED VALUES : TAR/SN = 9 /0.8

250007786

I T A L Y

MULTI- FILTER ULTRA LTS 100/F (MPD04)

NEW BRAND PRODUCED BY PM MUNICH.

VALUES FOUND : TAR/SN = 4.1/0.36
PRINTED VALUES : TAR/SN = 4 /0.4

PHILIP MORRIS SUP.LIGHTS 100/F (PMQ01)

NEW BRAND PRODUCED BY PM MUNICH.

VALUES FOUND : TAR/SN = 4.4/0.45
PRINTED VALUES : TAR/SN = 4 /0.4

ROTHMANS LEGGERA 100/F (RTZAC)

AN INCREASE IN FILTER RTD WAS OBSERVED AS WELL AS A DECREASE IN TOTAL ALKALOID CONTENT OF TOBACCO. THIS RESULTED IN A DECREASE IN SMOKE DELIVERIES.

VALUES FOUND : TAR/SN = 6.9/0.60
PRINTED VALUES : TAR/SN = 7 /0.7

L E B A N O N

VICEROY KING SIZE KS /F (VCYDC)

THE TIPPING PAPER, MICRO-LASER PERFORATED ON THE MAKER, (ONE PERFORATION LINE) WAS REPLACED BY A MICRO-SPRAY LASER PERFORATED TIPPING WITH THREE PERFORATION LINES. THE VENTILATION REMAINED CONSTANT AS WELL AS THE SMOKE DELIVERIES.

M A L T A

MURATTI AMBASSADOR KING SIZE KS /F (MAK05)

THE VENTILATION WAS INCREASED IN ORDER TO REDUCE THE SMOKE DELIVERIES (SERRIERES PRODUCTION). THIS CIGARETTE IS ALSO SOLD IN HUNGARY.

M O R O C C O

CASA SPORTS NON FILTRE REG/NF(CBEAC)

RECENT ANALYTICAL RESULTS FOR THIS BRAND.

2500077787

N E T H E R L A N D S

RAFFLES 100'S 100/F (RAH05)

FIRST PRODUCTION UNDER LICENCE BY CARROLL IN IRELAND. THIS CIGARETTE IS SOLD IN IRELAND (EI), THE NETHERLANDS (NL), ITALY (IT), AND SWITZERLAND (CH).

VALUES FOUND : TAR/SN = 12.0/1.09
PRINTED VALUES : TAR/SN = 13 /1.0 FOR EI, NL AND IT
15 /1.4 FOR CH

N I G E R I A

LINK LS /F (LIP01)

RECENT ANALYTICAL RESULTS FOR THIS BRAND.

VALUES FOUND : TAR/SN = 11.0/0.75
PRINTED VALUES : TAR/SN = 15 /1.0

LINK NON FILTER LS /NF(LIP01)

RECENT ANALYTICAL RESULTS FOR THIS BRAND.

VALUES FOUND : TAR/SN = 14.6/0.88
PRINTED VALUES : TAR/SN = 21 /1.5

N O R W A Y

CAMEL KS /F (CARNC)

AN INCREASE IN VENTILATION WAS OBSERVED AS WELL AS A DECREASE IN TOBACCO WEIGHT. THIS RESULTED IN A DECREASE IN SMOKE DELIVERIES.

VALUES FOUND : TAR/SN/CO = 15.4/1.08/13.9
PRINTED VALUES : TAR/SN/CO = 16 /1.3 /15

PRINCE EXTRA MILD KS /F (PCOAC)

THE ELECTRICALLY-PERFORATED TIPPING PAPER WAS REPLACED BY A TIPPING WITH MICRO-SPRAY LASER PERFORATION. THE VENTILATION INCREASED SLIGHTLY. AN INCREASE IN CIGARETTE DIAMETER WAS ALSO OBSERVED. THE SMOKE DELIVERIES DECREASED.

VALUES FOUND : TAR/SN/CO = 10.2/0.91/10.9
PRINTED VALUES : TAR/SN/CO = 10 /1.0 /10

2500077788

N O R W A Y

PRINCE KS /F (PCBAC)

THE ELECTRICALLY-PERFORATED TIPPING PAPER WAS REPLACED BY A TIPPING WITH MICRO-
SPRAY LASER PERFORATION. THE VENTILATION REMAINED CONSTANT WHEREAS A DECREASE
IN SMOKE DELIVERIES WAS OBSERVED.

VALUES FOUND : TAR/SN/CO = 17.3/1.37/16.3
PRINTED VALUES : TAR/SN/CO = 18 /1.5 /18

PRINCE MILD KS /F (PCMAC)

THE ELECTRICALLY-PERFORATED TIPPING PAPER WAS REPLACED BY A TIPPING WITH MICRO-
SPRAY LASER PERFORATION. THE VENTILATION REMAINED PRACTICALLY CONSTANT WHEREAS
A DECREASE IN TOBACCO WEIGHT AND CIGARETTE DIAMETER WAS OBSERVED. THE SMOKE
DELIVERIES DECREASED.

VALUES FOUND : TAR/SN/CO = 13.0/1.09/13.4
PRINTED VALUES : TAR/SN/CO = 14 /1.2 /13

P O L A N D

L & M KS /F (LMK21)

NEW BRAND PRODUCED BY FTR SERRIERES.

VALUES FOUND : TAR/SN = 15.7/0.90
PRINTED VALUES : TAR/SN = 16 /1.1

S A U D I A R A B I A

CARLTON 100'S 100/F (CAYAC)

THE FILTER LENGTH WAS INCREASED BY 4 MM CAUSING AN INCREASE IN BUTT LENGTH
OF 1 MM. THE TOBACCO WEIGHT WAS CONSEQUENTLY REDUCED. THE TAR VALUE REMAINED
CONSTANT.

VALUES FOUND : TAR/SN = 0.9/0.11
PRINTED VALUES : TAR/SN = 1 /0.1

LONDON KS /F (LODCC)

THE DECREASE IN SMOKE NICOTINE VALUE WAS RELATED TO A DECREASE IN TOTAL
ALKALOID CONTENT OF TOBACCO.

VALUES FOUND : TAR/SN = 10.0/0.53
PRINTED VALUES : TAR/SN = 12 /0.8

2500077789

S A U D I A R A B I A

SILK CUT ULTRA LOW TAR KS /F (SIFEC)

THE VENTILATION WAS INCREASED CAUSING A SLIGHT DECREASE IN SMOKE DELIVERIES.

VALUES FOUND : TAR/SN = 3.5/0.37
PRINTED VALUES : TAR/SN = 5 /0.5

S P A I N

MARLBORO LS /F (MLF62)

NEW : USE OF AN ELECTRICALLY-PERFORATED TIPPING PAPER ALLOWING 6 % VENTILATION TO BE OBTAINED (TABACALERA PRODUCTION). THIS RESULTED IN A DECREASE IN TAR VALUE.

VALUES FOUND : TAR/SN = 13.6/0.89
PRINTED VALUES : TAR/SN = 16 /1.0

S W I T Z E R L A N D

CHAMPION LS /F (CHF01)

FIRST PRODUCTION WITH THE NEW MODIFIED BLEND (ONNENS PRODUCTION). THE TOBACCO WEIGHT WAS REDUCED FROM 818 TO 724 MG.

VALUES FOUND : TAR/SN = 12.1/1.02
PRINTED VALUES : TAR/SN = 14 /1.3

MARLBORO 100'S 100/F (MLH04)

THE VENTILATION WAS INCREASED AS PLANNED TO REDUCE THE SMOKE DELIVERIES.

VALUES FOUND : TAR/SN = 14.6/1.01/14.9
PRINTED VALUES : TAR/SN = 15 /1.0 FOR SWITZERLAND
PRINTED VALUES : TAR/SN/CO = 16 /1.2 /16 FOR SWEDEN

MERCEDES KS /F (MEK04)

COMPLETE RE-ENGINEERING OF THE CIGARETTE (SERRIERES PRODUCTION). THE TAR/SN PRINTED NUMBERS WERE REDUCED FROM 16/1.1 TO 11/0.8 MG.

VALUES FOUND : TAR/SN = 11.2/0.82

2500077790

PRODUCT REPORTS FOR NEW OR LINE EXTENSION COMPETITORS' BRANDS.

THE LIST OF BRANDS IS FOUND IN THE TABLE OF CONTENTS. FOR THE COMPLETE REPORTS,
PLEASE REFER TO THE GREEN SECTION.

2500077791

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		BE	BE		BE	
BRAND NAME		+ARMADA	BELGA EXTRA LEGERE VANDER ELS		WINSTON	
PROD. CENTER OR MANUFACTURER		JUBILE			GOSSET BE	
CIGARETTE CODE		ARK04	BGEAC		WIBOC	
SIZE/NB PER PACK		KS F/25	REG F/25		KS F/20	

S M O K E		NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	17.0	15.7	8.5	9.7	16.1	16.9
DPM DRY.PARTIC.MATTER	MG/CIG	14.7	13.9	7.9	8.8	14.3	14.6
TAR (=TPM-SN-H2O)	MG/CIG	13.8*	13.0	7.4*	8.2	13.2*	13.6
SN SMOKE NICOTINE	MG/CIG	0.92	0.89	0.55*	0.68	1.02	1.00
RATIO SN/TAR	%	6.6	6.8	7.5	8.3	7.7	7.3
PUFF COUNT	NO./CIG	8.2	8.4	7.4	7.7	8.2	8.2
CO CARBON MONOXIDE	MG/CIG	14.8	13.9	6.4*	7.1	11.2*	13.8
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.09	0.07	0.07	0.17*	0.23
F I L L E R							
ALKALOIDS, TOTAL	%	1.58	1.53	1.70*	1.84	1.89	1.87
REDUCING SUGARS	%	12.6	12.2	11.6	12.2	9.1	9.5
NITRATE NITROGEN	%	0.13	0.11	0.12	0.09	0.21	0.23
AMMONIA NITROGEN	%	0.07	0.08	0.12	0.11	0.15	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	802	827	743	756	776	757
DENSITY AT 12.5 % OV	MG/ML	263	261	250	256	249	242
OV AT EQUILIBRIUM	%	13.1	12.6	12.8	12.6	12.7	12.5
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	1015	1033	979	1000	992	961
CIG. LENGTH, TOTAL	MM	84	84	74	74	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.94/24.9	8.45/26.5	8.42/26.4	7.94/24.9	7.95/24.9
CIG. RTD	MM H2O	113	114	92	91	96	103
CIG. VENTILATION	%	6*	13	40*	36	17	16
FIRMNESS AS IS	MM	2.90	3.21	2.58	2.52	3.05	3.14
OVEN VOLATILES AS IS	%	12.3	12.1	12.3	12.2	13.1	13.5
FIRMNESS AT 12.5 % OV	MM	2.97	3.37	2.65	2.64	2.80	2.74
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22*	20	21	21	21	21
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	158	155	186	195	164	157
FILTER RTD	MM H2O	65	68	74	75	63	66
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	26*	24	25	25	25	25
TIPPING PAPER TYPE	IC	IC	IC	ICWHDL	ICWHDL	IC	IC
TIPPING PERFO. TYPE		EPZ	EPZ	MLPS	MLPS	EPZ*	MLPM
TIPPING, PERFO. LINES	NO.			4	4		1

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DATE 03/07/92 TIME 09.19

+ PME Brand

() Converted values

= PME specifications

* Comments

2500077792

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		CS	CS	CS
BRAND NAME		CLEA	MARS M 20	MILDE SORTE
PROD. CENTER OR MANUFACTURER		CSTP	CSTP	CSTP
CIGARETTE CODE		CCLAC	MMAAC	MSDFC
SIZE/NB PER PACK		KS F/20	REG F/20	KS F/20
<hr/>				
S M O K E		RECENT RESULT	RECENT RESULT	RECENT RESULT
TPM TOT.PARTIC.MATTER	MG/CIG	26.2	18.1	19.1
DPM DRY.PARTIC.MATTER	MG/CIG	23.3	16.0	16.5
TAR (=TPM-SN-H20)	MG/CIG	22.3*	15.2*	15.5*
SN SMOKE NICOTINE	MG/CIG	0.99*	0.80*	1.00*
RATIO SN/TAR	%	4.4	5.3	6.4
PUFF COUNT	NO./CIG	11.4*	7.9*	8.4*
CO CARBON MONOXIDE	MG/CIG	20.4	13.0	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.26	0.15
<hr/>				
F I L L E R				
ALKALOIDS, TOTAL	%	1.02	1.28	1.52
REDUCING SUGARS	%	9.9	7.7	9.7
NITRATE NITROGEN	%	0.10	0.32	0.14
AMMONIA NITROGEN	%	0.09	0.13	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	902	688	754
DENSITY AT 12.5 % OV	MG/ML	267	238	235
OV AT EQUILIBRIUM	%	11.0	11.5	12.4
<hr/>				
C I G A R E T T E				
CIG. WEIGHT, TOTAL	MG/CIG	1124	869	960
CIG. LENGTH, TOTAL	MM	84	70	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.89/24.7	7.99/25.0
CIG. RTD	MM H2O	132	101	103
CIG. VENTILATION	%			
FIRMNESS AS IS	MM	2.06	2.40	2.51
OVEN VOLATILES AS IS	%	8.2	11.5	10.0
FIRMNESS AT 12.5 % OV	MM	3.78	2.81	3.51
CIG. PAP. VENTIL. SYST.				
<hr/>				
F I L T E R				
FILTER TYPE	S		S	S
FM FILTER MATERIAL	CA		CA	CA
FILTER LENGTH, TOTAL	MM	15	11	20
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	186	138	159
FILTER RTD	MM H2O	72	52	54
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	19	19	24
TIPPING PAPER TYPE	IC		IC	IC
TIPPING PERFO. TYPE				
TIPPING, PERFO. LINES	NO.			

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		SF	GR	HU
BRAND NAME		+L & M	+MARLBORO KING SIZE	+MULTI- FILTER 100'S EGER
PROD. CENTER OR MANUFACTURER		ATO HYRYLA	PAP PIREUS	
CIGARETTE CODE		LMK19	MLK02	MPH19
SIZE/NB PER PACK		KS F/20	KS F/20	100 F/20

S M O K E		NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.	NEW BRAND
TPM TOT.PARTIC.MATTER	MG/CIG	16.3	15.0	18.0	17.6	14.6
DPM DRY.PARTIC.MATTER	MG/CIG	14.1*	13.3	15.4	15.2	13.5
TAR (=TPM-SN-H20)	MG/CIG	13.2	12.4	14.5*	14.3	12.7*
SN SMOKE NICOTINE	MG/CIG	0.88	0.89	0.95	0.97	0.79*
RATIO SN/TAR	%	6.7	7.2	6.5	6.8	6.3
PUFF COUNT	NO./CIG	8.1	8.2	8.3	8.3	9.3*
CO CARBON MONOXIDE	MG/CIG	11.1	11.6	12.8	13.6	15.0
NO NITROGEN MONOXIDE	MG/CIG	0.15	0.14	0.17	0.18	0.15
F I L L E R						
ALKALOIDS, TOTAL	%	1.81*	1.88	1.77	1.85	1.36
REDUCING SUGARS	%	7.1	8.0	7.8	8.0	9.8
NITRATE NITROGEN	%	0.19	0.20	0.20	0.20	0.17
AMMONIA NITROGEN	%	0.17	0.18	0.24	0.23	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	731	730	759	767	887
DENSITY AT 12.5 % OV	MG/ML	240	239	241	242	243
OV AT EQUILIBRIUM	%	13.2	12.9	13.8	13.1	12.3
C I G A R E T T E						
CIG. WEIGHT, TOTAL	MG/CIG	947	946	975	976	1210
CIG. LENGTH, TOTAL	MM	84	84	84	84	99
CIG. DIAMETER/CIRCUMFER.	MM	7.85/24.6	7.86/24.6	7.91/24.8	7.94/24.9	7.92/24.8
CIG. RTD	MM H2O	104	101	112	106	136
CIG. VENTILATION	%	23	24	14*	19	11
FIRMNESS AS IS	MM	2.54	2.64	2.79	2.61	2.25
OVEN VOLATILES AS IS	%	12.2	11.6	12.4	12.3	10.8
FIRMNESS AT 12.5 % OV	MM	2.67	3.01	2.84	2.72	2.94
CIG. PAP. VENTIL. SYST.						
F I L T E R						
FILTER TYPE	S	S	S	S	D	
FM FILTER MATERIAL	CA	CA	CA	CA	CA	
FILTER LENGTH,TOTAL	MM	21	21	20	20	25
FILTER-LENGTH PLUG 1	MM					12.0
FILTER-LENGTH PLUG 2	MM					13.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						AC
FILTER WEIGHT	MG/FIL	160	163	153	151	268
FILTER RTD	MM H2O	67	68	62	63	82
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	25	24	24	29
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	WHGRD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.					

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		IT	IT	IT
BRAND NAME	CARTIER LUXURY MILD ROTHMANS	KIM ULTRA SLIM	LUCKY STRIKE LIGHTS B.A.T.	
PROD. CENTER OR MANUFACTURER		BAT DB		
CIGARETTE CODE	CAIAC	KIDAC	LSAAC	
SIZE/NB PER PACK	100 F/20	100 F/20	KS F/20	

S M O K E		RECENT RESULT	NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	12.6	7.8	9.7	6.6	7.8
DPM DRY.PARTIC.MATTER	MG/CIG	11.7	7.3	8.8	6.2	7.2
TAR (=TPM-SN-H2O)	MG/CIG	10.8*	6.6*	8.1	5.7*	6.6
SN SMOKE NICOTINE	MG/CIG	0.94*	0.65*	0.71	0.49*	0.59
RATIO SN/TAR	%	8.7	9.9	8.7	8.6	9.0
PUFF COUNT	NO./CIG	9.0	8.6	8.4	7.1*	8.5
CO CARBON MONOXIDE	MG/CIG	8.9	4.6*	5.2	6.4	4.7
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.07	0.08	0.08	0.06

F I L L E R						
ALKALOIDS, TOTAL	%	1.76	2.02	2.07	1.78	1.80
REDUCING SUGARS	%	12.0	8.3	8.7	8.4	8.2
NITRATE NITROGEN	%	0.14	0.19	0.19	0.22	0.22
AMMONIA NITROGEN	%	0.09	0.27	0.25	0.18	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	818	408	405	750	775
DENSITY AT 12.5 % OV	MG/ML	241	254	253	237	246
OV AT EQUILIBRIUM	%	12.5	12.5	12.2	12.7	12.5

C I G A R E T T E						
CIG. WEIGHT, TOTAL	MG/CIG	1061	557	555	992	969
CIG. LENGTH, TOTAL	MM	94	97	97	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	5.41/16.9	5.40/16.9	8.00/25.1	7.98/25.0
CIG. RTD	MM H2O	109*	109*	136	98*	58
CIG. VENTILATION	%	18*	70*	53	49*	59
FIRMNESS AS IS	MM	3.14	2.16	2.34	3.02	2.85
OVEN VOLATILES AS IS	%	12.3	12.2	12.9	11.9	12.6
FIRMNESS AT 12.5 % OV	MM	3.22	2.28	2.19	3.30	2.83
CIG. PAP. VENTIL. SYST.						

F I L T E R						
FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	25	27	27	21	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	187	110	110	181*	145
FILTER RTD	MM H2O	63	102	102	90*	49
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	32	32	32*	25
TIPPING PAPER TYPE	ICD	ICD	WHD	WHD	ICWHDL	IC
TIPPING PERFO. TYPE	EPZ	EPZ	MLPM	MLPS	MLPS	MLPS
TIPPING,PERFO. LINES	NO.		1	2	4	4

33.505

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		IT	IT	IT
BRAND NAME		+MARLBORO KING SIZE	+MERCEDES	MS MILD
PROD. CENTER OR MANUFACTURER		MTI MODENA	MTI FIRENZ	MONITAL
CIGARETTE CODE		MLK01	MEK03	MSPAC
SIZE/NB PER PACK		KS F/20	KS F/20	KS F/20

S M O K E		FIRST PRODUCTION	RECENT RESULT	NEW ANAL.	PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	17.7	12.1	10.0	8.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	11.1	9.3	7.4
TAR (=TPM-SN-H2O)	MG/CIG	14.2*	10.4*	8.6*	6.8
SN SMOKE NICOTINE	MG/CIG	0.89*	0.75*	0.77*	0.63
RATIO SN/TAR	%	6.3	7.3	9.0	9.3
PUFF COUNT	NO./CIG	8.5*	7.8*	8.6	9.0
CO CARBON MONOXIDE	MG/CIG	13.9	12.4	7.7	6.4
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.11	0.18	0.12
F I L L E R					
ALKALOIDS, TOTAL	%	1.68	1.70	1.91	1.93
REDUCING SUGARS	%	7.7	9.7	8.2	9.4
NITRATE NITROGEN	%	0.23	0.15	0.36	0.32
AMMONIA NITROGEN	%	0.24	0.09	0.20	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	789	759	751	763
DENSITY AT 12.5 % OV	MG/ML	250	241	233	239
OV AT EQUILIBRIUM	%	13.6	12.4	12.0	12.3
C I G A R E T T E					
CIG. WEIGHT, TOTAL	MG/CIG	1002	1028	955	961
CIG. LENGTH, TOTAL	MM	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.92/24.8	8.02/25.1	7.98/25.0
CIG. RTD	MM H2O	105	125	87*	85
CIG. VENTILATION	%	21	21	45*	52
FIRMNESS AS IS	MM	2.67	2.58	2.95	2.98
OVEN VOLATILES AS IS	%	12.0	10.9	11.5	12.8
FIRMNESS AT 12.5 % OV	MM	2.87	3.23	3.38	2.88
CIG. PAP. VENTIL. SYST.					
F I L T E R					
FILTER TYPE		S	D	S	S
FM FILTER MATERIAL		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	20	20
FILTER-LENGTH PLUG 1	MM		13.0		
FILTER-LENGTH PLUG 2	MM		12.0		
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE			PG		
FILTER WEIGHT	MG/FIL	151	217	157	147
FILTER RTD	MM H2O	62	77	73	70
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	25	25	24	24
TIPPING PAPER TYPE	IC		WHD	ICD	ICD
TIPPING PERFO. TYPE	EPZ		MLPS	MLPS	MLPS
TIPPING,PERFO. LINES	NO.		3	4	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		IT	IT	IT
BRAND NAME		+MULTI-FILTER	+PHILIP MORRIS	ROTHMANS
PROD. CENTER OR MANUFACTURER		ULTRA LTS MUNICH	SUP.LIGHTS MUNICH	LEGGERA
CIGARETTE CODE		MPD04	PMQ01	TURMAC INT
SIZE/NB PER PACK		100 F/20	100 F/20	RTZAC 100 F/20
<hr/>				
S M O K E		NEW BRAND	NEW BRAND	NEW ANAL. PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	4.8	5.2	8.2 8.9
DPM DRY.PARTIC.MATTER	MG/CIG	4.4	4.9	7.5 8.1
TAR (=TPM-SN-H2O)	MG/CIG	4.1*	4.4*	6.9* 7.5
SN SMOKE NICOTINE	MG/CIG	0.36*	0.45*	0.60* 0.71
RATIO SN/TAR	%	8.8	10.3	8.6 9.6
PUFF COUNT	NO./CIG	7.2*	8.3*	7.5* 8.1
CO CARBON MONOXIDE	MG/CIG	3.0	3.2	4.9* 5.5
NO NITROGEN MONOXIDE	MG/CIG	0.04	0.03	0.06 0.07
<hr/>				
F I L L E R				
ALKALOIDS, TOTAL	%	1.94	1.96	1.88* 2.12
REDUCING SUGARS	%	5.1	5.1	9.3 9.5
NITRATE NITROGEN	%	0.20	0.16	0.18 0.16
AMMONIA NITROGEN	%	0.15	0.12	0.18 0.14
TOB. WT. AT 12.5 % OV	MG/CIG	354	438	414 416
DENSITY AT 12.5 % OV	MG/ML	221	275	249 252
OV AT EQUILIBRIUM	%	13.8	13.0	11.6 12.0
<hr/>				
C I G A R E T T E				
CIG. WEIGHT, TOTAL	MG/CIG	521	592	560 564
CIG. LENGTH, TOTAL	MM	97	97	99 99
CIG. DIAMETER/CIRCUMFER.	MM	5.38/16.8	5.39/16.9	5.42/17.0 5.41/16.9
CIG. RTD	MM H2O	121	104	165* 155
CIG. VENTILATION	%	70	72	55 57
FIRMNESS AS IS	MM	2.87	2.22	2.26 2.09
OVEN VOLATILES AS IS	%	13.1	12.3	12.0 12.2
FIRMNESS AT 12.5 % OV	MM	2.63	2.30	2.46 2.23
CIG. PAP. VENTIL. SYST.				
<hr/>				
F I L T E R				
FILTER TYPE		D	S	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH, TOTAL	MM	27	27	27
FILTER-LENGTH PLUG 1	MM	16.0		
FILTER-LENGTH PLUG 2	MM	11.0		
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	118	113	110 111
FILTER RTD	MM H2O	129	115	121* 110
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	32	32	32 32
TIPPING PAPER TYPE	WHL		WHL	WHL
TIPPING PERFO. TYPE	MLPS		MLPS	MLPS
TIPPING,PERFO. LINES	NO.	6	5	4 4

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE	RL	MA HU	MO
BRAND NAME	VICEROY KING SIZE	+MURATTI AMBASSADOR KING SIZE SERRIERES	CASA SPORTS NON FILTRE REGIE/MARO
PROD. CENTER OR MANUFACTURER	BRWN+WILAM		
CIGARETTE CODE	VCYDC	MAK05	CBEAC
SIZE/NB PER PACK	KS F/20	KS F/20	REG N/20

S M O K E		NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.	RECENT RESULT
TPM TOT.PARTIC.MATTER	MG/CIG	20.8	20.3	9.5	14.4	30.4
DPM DRY.PARTIC.MATTER	MG/CIG	17.5	16.8	8.9	13.0	27.0
TAR (=TPM-SN-H2O)	MG/CIG	16.4*	15.8	8.2*	12.0	25.6*
SN SMOKE NICOTINE	MG/CIG	1.06	0.98	0.70*	0.95	1.40*
RATIO SN/TAR	%	6.5	6.2	8.6	7.9	5.5
PUFF COUNT	NO./CIG	8.1	7.8	8.4	8.1	8.8*
CO CARBON MONOXIDE	MG/CIG	14.4	14.5	7.9	13.7	17.4
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.26	0.08	0.12	0.34
F I L L E R						
ALKALOIDS, TOTAL	%	1.77	1.79	1.74	1.70	1.41
REDUCING SUGARS	%	5.9	7.0	11.0	10.5	< 1
NITRATE NITROGEN	%	0.22	0.24	0.14	0.13	0.28
AMMONIA NITROGEN	%	0.22	0.27	0.10	0.09	0.40
TOB. WT. AT 12.5 % OV	MG/CIG	762	749	717	718	921
DENSITY AT 12.5 % OV	MG/ML	246	243	231	229	238
OV AT EQUILIBRIUM	%	12.3	12.4	12.3	12.3	11.3
C I G A R E T T E						
CIG. WEIGHT, TOTAL	MG/CIG	972	962	1009	998	958
CIG. LENGTH, TOTAL	MM	84	84	84	84	70
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.90/24.8	7.93/24.9	7.96/24.9	8.40/26.3
CIG. RTD	MM H2O	131	124	102*	116	33
CIG. VENTILATION	%	10	9	44*	19	
FIRMNESS AS IS	MM	2.48	2.54	2.66	3.10	2.47
OVEN VOLATILES AS IS	%	11.6	12.0	11.7	12.1	10.6
FIRMNESS AT 12.5 % OV	MM	2.84	2.73	2.99	3.26	3.23
CIG. PAP. VENTIL. SYST.						
F I L T E R						
FILTER TYPE	S	S	D	D		
FM FILTER MATERIAL	CA	CA	CA	CA		
FILTER LENGTH, TOTAL	MM	21	21	21	21	
FILTER-LENGTH PLUG 1	MM			9.0	8.0	
FILTER-LENGTH PLUG 2	MM			12.0	13.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE			AC	AC		
FILTER WEIGHT	MG/FIL	158	162	245	236	
FILTER RTD	MM H2O	72	68	77	76	
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	26	25	25	
TIPPING PAPER TYPE	IC	IC	WHGRD	WHGRD		
TIPPING PERFO. TYPE	MSLP*	MLPM	MLPS	MLPS		
TIPPING, PERFO. LINES	NO.	3*	1	4	2	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		NL CH IT EI	WN	WN
BRAND NAME		+RAPPLES 100'S	+LINK	+LINK NON FILTER
PROD. CENTER OR MANUFACTURER		CARROLL	ILORIN	ILORIN
CIGARETTE CODE		RAH05	LIF01	LIP01
SIZE/NB PER PACK		100 F/10	LS F/20	LS N/20
S M O K E		FIRST PRODUCTION	RECENT RESULT	RECENT RESULT
TPM TOT.PARTIC.MATTER	MG/CIG	14.3	13.5	17.2
DPM DRY.PARTIC.MATTER	MG/CIG	13.0	11.8	15.5
TAR (=TPM-SN-H2O)	MG/CIG	12.0*	11.0*	14.6*
SN SMOKE NICOTINE	MG/CIG	1.09*	0.75*	0.88*
RATIO SN/TAR	%	9.2	6.8	6.0
PUFF COUNT	NO./CIG	9.2*	8.2*	6.9*
CO CARBON MONOXIDE	MG/CIG	13.5	9.9	9.2
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.11	0.08
F I L L E R				
ALKALOIDS, TOTAL	%	2.28	1.29	1.28
REDUCING SUGARS	%	12.6	3.1	2.4
NITRATE NITROGEN	%	0.08	0.16	0.16
AMMONIA NITROGEN	%	0.04	0.11	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	869	832	824
DENSITY AT 12.5 % OV	MG/ML	237	276	219
OV AT EQUILIBRIUM	%	12.4	11.7	11.9
C I G A R E T T E				
CIG. WEIGHT, TOTAL	MG/CIG	1124	1009	876
CIG. LENGTH, TOTAL	MM	100	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.87/24.7	7.74/24.3
CIG. RTD	MM H2O	131	128	43
CIG. VENTILATION	%	13		
FIRMNESS AS IS	MM	2.33	2.07	2.87
OVEN VOLATILES AS IS	%	11.4	14.1	13.3
FIRMNESS AT 12.5 % OV	MM	2.80	1.45	2.54
CIG. PAP. VENTIL. SYST.				
F I L T E R				
FILTER TYPE	S		S	
FM FILTER MATERIAL	CA		CA	
FILTER LENGTH, TOTAL	MM	26	18	
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	198	135	
FILTER RTD	MM H2O	87	60	
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	30	23	
TIPPING PAPER TYPE	ICD		IC	
TIPPING PERFO. TYPE	EPZ			
TIPPING,PERFO. LINES	NO.			

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+ PME Brand

() Converted values

= PME specifications

* Comments

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CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		NO	NO	NO
BRAND NAME		CAMEL	PRINCE EXTRA MILD TIEDEMANN'S	PRINCE TIEDEMANN'S
PROD. CENTER OR MANUFACTURER		REYNOLD CH		
CIGARETTE CODE		CAKNC	PCOAC	PCBAC
SIZE/NB PER PACK		KS F/20	KS F/20	KS F/20

S M O K E		NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	19.4	21.2	12.3	13.2	21.6	23.0
DPM DRY.PARTIC.MATTER	MG/CIG	16.5	17.9	11.1	11.8	18.7	19.5
TAR (=TPM-SN-H2O)	MG/CIG	15.4*	16.7	10.2*	10.8	17.3*	18.0
SN SMOKE NICOTINE	MG/CIG	1.08*	1.23	0.91*	1.01	1.37*	1.50
RATIO SN/TAR	%	7.0	7.4	8.9	9.3	7.9	8.3
PUFF COUNT	NO./CIG	7.3*	7.7	9.3	9.4	8.7	9.0
CO CARBON MONOXIDE	MG/CIG	13.9	14.3	10.9	10.0	16.3	17.2
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.23	0.14	0.13	0.19	0.18
F I L L E R							
ALKALOIDS, TOTAL	%	1.86	1.91	2.20	2.17	2.20	2.27
REDUCING SUGARS	%	7.9	7.9	6.4	7.0	7.0	7.2
NITRATE NITROGEN	%	0.20	0.22	0.20	0.18	0.20	0.17
AMMONIA NITROGEN	%	0.09	0.10	0.10	0.10	0.10	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	626*	645	791	791	791	796
DENSITY AT 12.5 % OV	MG/ML	202	208	241	248	242	246
OV AT EQUILIBRIUM	%	12.1	12.0	12.9	13.5	12.8	13.5
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	831	849	1023	1029	1006	1017
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.91/24.8	8.08/25.3	7.97/25.0	8.06/25.3	8.03/25.2
CIG. RTD	MM H2O	95	95	102	104	97	105
CIG. VENTILATION	%	16*	12	42	39	16	16
FIRMNESS AS IS	MM	2.24	2.56	2.68	2.65	2.62	2.59
OVEN VOLATILES AS IS	%	10.8	12.2	11.7	12.1	10.9	11.7
FIRMNESS AT 12.5 % OV	MM	2.91	2.70	3.01	2.81	3.27	2.93
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE	S	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	20	20	20	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	157	158	175	177	163	162
FILTER RTD	MM H2O	47	46	87	83	62	63
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	24	24	24	24
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ	MSLP*	EPZ	MSLP*	EPZ	EPZ
TIPPING,PERFO. LINES	NO.			8*		6*	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE	NO	PL	SI
BRAND NAME	PRINCE MILD	+L & M	CARLTON 100'S
PROD. CENTER OR MANUFACTURER	TIEDEMANN'S	SERRIERES	AMERICAN T
CIGARETTE CODE	PCMAC	LMK21	CAYAC
SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20

S M O K E		NEW ANAL.	PREV. AVER.	NEW BRAND	NEW ANAL.	PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	16.0	16.8	19.6	1.1	0.9
DPM DRY.PARTIC.MATTER	MG/CIG	14.1	14.9	16.6	1.1	0.9
TAR (=TPM-SN-H2O)	MG/CIG	13.0*	13.7	15.7*	0.9*	0.8
SN SMOKE NICOTINE	MG/CIG	1.09*	1.20	0.90*	0.11	0.10
RATIO SN/TAR	%	8.4	8.8	5.7	11.5	12.6
PUFF COUNT	NO./CIG	9.0*	9.4	8.2*	7.5	7.7
CO CARBON MONOXIDE	MG/CIG	13.4	12.4	16.5		
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.17	0.21		
F I L L E R						
ALKALOIDS, TOTAL	%	2.17	2.23	1.63	2.14	2.22
REDUCING SUGARS	%	6.8	6.7	9.2	7.4	7.4
NITRATE NITROGEN	%	0.17	0.20	0.19	0.30	0.30
AMMONIA NITROGEN	%	0.10	0.11	0.24	0.13	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	776	800	790	558*	622
DENSITY AT 12.5 % OV	MG/ML	244	249	255	172	180
OV AT EQUILIBRIUM	%	13.2	13.3	12.9	12.1	11.7
C I G A R E T T E						
CIG. WEIGHT, TOTAL	MG/CIG	1017	1040	1002	863	913
CIG. LENGTH, TOTAL	MM	84	84	84	99	99
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	8.00/25.1	7.92/24.8	7.78/24.4	7.82/24.5
CIG. RTD	MM H2O	109	106	124	80	84
CIG. VENTILATION	%	27	30		82	84
FIRMNESS AS IS	MM	2.43	2.71	2.83	2.70	2.40
OVEN VOLATILES AS IS	%	11.4	12.0	12.3	11.9	12.4
FIRMNESS AT 12.5 % OV	MM	2.86	2.91	2.94	2.93	2.44
CIG. PAP. VENTIL. SYST.						
F I L T E R						
FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	21	31*	27
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	183	183	160	253*	233
FILTER RTD	MM H2O	79	79	67	129*	119
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	24	25	35	35
TIPPING PAPER TYPE	IC	IC	IC	IC	WHDL	WHDL
TIPPING PERFO. TYPE	MSLP*	EPZ			MLPM	MLPM
TIPPING, PERFO. LINES	NO.	8*			1	1

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS COMMENTED ON

COUNTRY OF SALE		SI		SI		ES	
BRAND NAME		LONDON		SILK CUT ULTRA LOW TAR GALLAHER		+MARLBORO	
PROD. CENTER OR MANUFACTURER		ST PAUL'S				TABACA LOG	
CIGARETTE CODE		LODCC		SIFEC		MLF62	
SIZE/NB PER PACK		KS F/20		KS F/20		LS F/20	

S M O K E		NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.	NEW ANAL.	PREV. AVER.
TPM TOT.PARTIC.MATTER	MG/CIG	11.8	12.1	4.1	4.9	17.5	18.9
DPM DRY.PARTIC.MATTER	MG/CIG	10.5	10.7	3.9	4.6	14.5	15.7
TAR (=TPM-SN-H2O)	MG/CIG	10.0	10.0	3.5*	4.2	13.6*	14.7
SN SMOKE NICOTINE	MG/CIG	0.53*	0.64	0.37*	0.41	0.89	0.92
RATIO SN/TAR	%	5.4	6.4	10.5	9.8	6.5	6.2
PUFF COUNT	NO./CIG	8.7	8.3	8.0	7.7	8.0*	7.6
CO CARBON MONOXIDE	MG/CIG			4.4		14.0	16.3
NO NITROGEN MONOXIDE	MG/CIG			0.03		0.21	0.26
F I L L E R							
ALKALOIDS, TOTAL	%	1.22*	1.40	2.00	1.97	1.67	1.76
REDUCING SUGARS	%	10.1	7.5	11.0	10.3	8.9	8.6
NITRATE NITROGEN	%	0.11	0.13	0.10	0.09	0.23	0.23
AMMONIA NITROGEN	%	0.07	0.07	0.07	0.07	0.24	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	793	803	671	679	736	740
DENSITY AT 12.5 % OV	MG/ML	254	258	233	235	255	255
OV AT EQUILIBRIUM	%	11.1	11.0	11.8	12.0	13.5	12.8
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	1017	1023	904	913	945	948
CIG. LENGTH, TOTAL	MM	84	84	84	84	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.86/24.6	7.89/24.7	7.90/24.8	7.90/24.8	7.93/24.9
CIG. RTD	MM H2O	148	152	97*	112	122	124
CIG. VENTILATION	%			61*	52	6*	
FIRMNESS AS IS	MM	2.11	1.82	2.02	1.88	2.88	2.88
OVEN VOLATILES AS IS	%	11.1	11.5	12.8	12.5	13.0	13.0
FIRMNESS AT 12.5 % OV	MM	2.67	2.23	1.91	1.89	2.69	2.68
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE	S	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	25	25	20	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	182	179	191	191	153	156
FILTER RTD	MM H2O	88	83	96	99	69	68
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	24	24	29	29	24	24
TIPPING PAPER TYPE	ICD	ICD	ICD	ICD	ICD	IC	IC
TIPPING PERFO. TYPE				MPS	MPS	EPZ	
TIPPING,PERFO. LINES	NO.			3	3		

33.505

DATE 03/07/92 TIME 09.19

+ PME Brand () Converted values = PME specifications * Comments

2500077802

CHARACTERISTICS OF THE BRANDS COMMENTED ON

	COUNTRY OF SALE	CH	CH SW	CH
BRAND NAME		+CHAMPION	+MARLBORO 100'S	+MERCEDES
PROD. CENTER OR MANUFACTURER		ONNENS	SERRIERES	SERRIERES
CIGARETTE CODE		CHF01	MLH04	MEK04
SIZE/NB PER PACK		LS F/20	100 F/20	KS F/20

S M O K E		FIRST PRODUCTION	NEW ANAL.	PREV. AVER.	FIRST PRODUCTION
TPM TOT.PARTIC.MATTER	MG/CIG	15.8	17.5	19.9	13.3
DPM DRY.PARTIC.MATTER	MG/CIG	13.2	15.6	17.5	12.0
TAR (=TPM-SN-H2O)	MG/CIG	12.1*	14.6*	16.4	11.2*
SN SMOKE NICOTINE	MG/CIG	1.02*	1.01*	1.08	0.82*
RATIO SN/TAR	%	8.4	7.0	6.6	7.3
PUFF COUNT	NO./CIG	7.3*	9.4	9.4	7.9*
CO CARBON MONOXIDE	MG/CIG	13.2	14.9*	16.5	12.4
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.19	0.22	0.09
F I L L E R					
ALKALOIDS, TOTAL	%	1.98*	1.79	1.76	1.62
REDUCING SUGARS	%	13.9	8.5	7.9	10.1
NITRATE NITROGEN	%	0.10	0.20	0.21	0.12
AMMONIA NITROGEN	%	0.04	0.26	0.27	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	724*	834	830	718
DENSITY AT 12.5 % OV	MG/ML	242*	241	241	231
OV AT EQUILIBRIUM	%	12.5	13.4	13.6	12.5
C I G A R E T T E					
CIG. WEIGHT, TOTAL	MG/CIG	930	1110	1107	1002
CIG. LENGTH, TOTAL	MM	80	99	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.88/24.7	7.89/24.7	7.93/24.9
CIG. RTD	MM H2O	132	112*	121	125
CIG. VENTILATION	%		19*	11	20
FIRMNESS AS IS	MM	2.63	3.14	3.09	2.95
OVEN VOLATILES AS IS	%	11.4	12.7	12.7	11.8
FIRMNESS AT 12.5 % OV	MM	3.07	3.09	3.04	3.24
CIG. PAP. VENTIL. SYST.					
F I L T E R					
FILTER TYPE		S	S	S	D
PM FILTER MATERIAL		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	19	28	28	21
FILTER-LENGTH PLUG 1	MM				8.0
FILTER-LENGTH PLUG 2	MM				13.0
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE					PG
FILTER WEIGHT	MG/FIL	157	211	210	234
FILTER RTD	MM H2O	81	74	74	80
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	24	32	32	25
TIPPING PAPER TYPE	IC		ICD	ICD	WHD
TIPPING PERFO. TYPE			EPZ	EPZ	MLPS
TIPPING, PERFO. LINES	NO.				3

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DATE 03/07/92 TIME 09.19

+ PME Brand () Converted values = PME specifications * Comments

2500077803

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD NON FILTER	+MARLBORO	+MARLBORO KING SIZE
AN ANDORRA	PROD. CENTERS OR MANUFACTURER	ANDORRA	ANDORRA	ANDORRA
	CIGARETTE CODE	CER11	MLF63	MLK50
	SIZE/NB PER PACK	REG N/20	LS F/20	KS F/20
	SAMPLING CODE	A 02 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	25.5	19.7	20.2
DPM DRY.PARTIC.MATTER	MG/CIG	22.6	16.1	16.8
TAR (=TPM-SN-H2O)	MG/CIG	21.1	15.2	15.8
SN SMOKE NICOTINE	MG/CIG	1.50	0.98	1.04
RATIO SN/TAR	%	7.1	6.4	6.6
PUFF COUNT	NO./CIG	8.0	8.1	8.8
CO CARBON MONOXIDE	MG/CIG	13.2	15.3	15.3
NO NITROGEN MONOXIDE	MG/CIG	0.17	0.22	0.23

F I L L E R

ALKALOIDS, TOTAL	%	2.04	1.75	1.77
REDUCING SUGARS	%	7.1	8.4	8.1
NITRATE NITROGEN	%	0.19	0.20	0.20
AMMONIA NITROGEN	%	0.15	0.26	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	936	772	818
DENSITY AT 12.5 % OV	MG/ML	275	262	263
OV AT EQUILIBRIUM	%	12.3	12.8	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	986	978	1039
CIG. LENGTH, TOTAL	MM	69	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.93/24.9	7.94/24.9
CIG. RTD	MM H2O	54	126	131
CIG. VENTILATION	%			
FIRMNESS AS IS	MM	2.10	2.63	2.65
OVEN VOLATILES AS IS	%	11.3	11.8	12.1
FIRMNESS AT 12.5 % OV	MM	2.59	2.92	2.81
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH, TOTAL	MM	20	21
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	155	165
FILTER RTD	MM H2O	68	72
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	24	25
TIPPING PAPER TYPE		IC	IC
TIPPING PERFO. TYPE			
TIPPING, PERFO. LINES	NO.		

33.440

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+ PME Brand () Converted values = PME specifications * Comments

2500077804

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD	+CHESTER- FIELD	+CHESTER- FIELD NON FILTER PAARL
ZA A. AFRICA	PROD. CENTERS OR MANUFACTURER	INDUSTRIA	PAARL	PAARL
	CIGARETTE CODE	CEB05	CEB05	CER05
	SIZE/NE PER PACK	LS F/20	LS F/20	REG N/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	20.6	20.7	22.3
DPM DRY.PARTIC.MATTER	MG/CIG	17.6	17.6	20.1
TAR (=TPM-SN-H2O)	MG/CIG	16.4	16.4	18.7
SN SMOKE NICOTINE	MG/CIG	1.19	1.16	1.36
RATIO SN/TAR	%	7.2	7.1	7.3
PUFF COUNT	NO./CIG	8.1	8.3	9.3
CO CARBON MONOXIDE	MG/CIG	14.1	14.1	9.8
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.11	0.09

F I L L E R

ALKALOIDS, TOTAL	%	1.78	1.81	1.81
REDUCING SUGARS	%	11.4	10.9	10.8
NITRATE NITROGEN	%	0.12	0.11	0.12
AMMONIA NITROGEN	%	0.09	0.09	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	803	805	1045
DENSITY AT 12.5 % OV	MG/ML	270	270	288
OV AT EQUILIBRIUM	%	12.9	12.7	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1010	1015	1098
CIG. LENGTH, TOTAL	MM	80	80	70
CIG. DIAMETER/CIRCUMFER.	MM	7.97/25.0	7.96/24.9	8.12/25.4
CIG. RTD	MM H2O	102	110	64
CIG. VENTILATION	%			
FIRMNESS AS IS	MM	2.63	2.38	2.00
OVEN VOLATILES AS IS	%	12.6	13.1	13.0
FIRMNESS AT 12.5 % OV	MM	2.61	2.16	1.81
CIG. PAP. VENTIL. SYST.				EP

F I L T E R

FILTER TYPE	S	S	
FM FILTER MATERIAL	CA	CA	
FILTER LENGTH, TOTAL	MM	20	20
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	156	160
FILTER RTD	MM H2O	48	51
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	24	24
TIPPING PAPER TYPE	IC	IC	
TIPPING PERFO. TYPE			
TIPPING, PERFO. LINES	NO.		

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ZA

+ PME Brand () Converted values = PME specifications * Comments

2500077805

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER-FIELD	DAMES	FALK EXTRA MILD	HB	HOBBY	+MARLBORO
AU-AUSTRIA	PROD. CENTERS OR MANUFACTURER	MUNICH	AUSTRIA T.	AUSTRIA T.	AUSTRIA T.	AUSTRIA T.	ATW LINZ
	CIGARETTE CODE	CEG06	DAMAC	FDFAC	HBKBC	HYBAC	MLB22
	SIZE/NB PER PACK	KS F/20	KS F/20	LS F/20	KS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 4	B 02 2	B 01 2	B 00 2	B 01 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.3	11.4	10.4	15.5	13.1	17.0
DPM DRY.PARTIC.MATTER	MG/CIG	14.8	10.5	9.5	13.9	11.9	14.7
TAR (=TPM-SN-H2O)	MG/CIG	13.8	9.8	9.0	13.0	11.2	13.9
SN SMOKE NICOTINE	MG/CIG	0.96	0.65	0.51	0.88	0.73	0.90
RATIO SN/TAR	%	7.0	6.6	5.7	6.7	6.6	6.5
PUFF COUNT	NO./CIG	8.3	7.8	7.3	8.0	7.9	8.0
CO CARBON MONOXIDE	MG/CIG	13.7	9.2	10.5	12.0	12.7	13.4
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.08	0.13	0.10	0.13	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.86	1.46	1.21	1.63	1.52	1.76
REDUCING SUGARS	%	6.4	12.1	11.4	10.8	10.5	8.5
NITRATE NITROGEN	%	0.17	0.12	0.19	0.16	0.16	0.19
AMMONIA NITROGEN	%	0.18	0.08	0.11	0.08	0.09	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	752	735	705	745	732	729
DENSITY AT 12.5 % OV	MG/ML	244	241	236	247	241	242
OV AT EQUILIBRIUM	%	13.5	12.3	12.2	12.6	12.3	13.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	969	953	899	961	925	961
CIG. LENGTH, TOTAL	MM	84	84	80	84	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.97/25.0	7.97/25.0	7.93/24.9	8.03/25.2	7.93/24.9
CIG. RTD	MM H2O	102	96	111	95	107	106
CIG. VENTILATION	%	13	29	23	17	24	13
FIRMNESS AS IS	MM	2.84	2.89	2.22	2.73	2.38	2.96
OVEN VOLATILES AS IS	%	12.7	12.2	11.5	11.4	11.7	12.7
FIRMNESS AT 12.5 % OV	MM	2.76	3.00	2.65	3.18	2.70	2.90
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	23	20	23	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	158	174	148	168	147
FILTER RTD	MM H2O	63	67	70	59	70
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	26	24	26	24
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.					

33.440

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AU

+ PME Brand () Converted values = PME specifications * Comments

2500077806

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO 100'S	MEMPHIS CLASSIC	MEMPHIS LIGHTS	SMART EXPORT	WINSTON
AU-AUSTRIA	PROD. CENTERS OR MANUFACTURER	ATW LINZ	MUNICH	AUSTRIA T.	AUSTRIA T.	AUSTRIA T.	AUSTRIA T.
	CIGARETTE CODE	MLX08	MHC06	MEUAC	MEPAC	SEXAC	WIBAC
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/20	KS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4	B 00 2	B 00 2	B 00 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.0	18.3	13.3	9.1	13.4	18.5
DPM DRY.PARTIC.MATTER	MG/CIG	9.1	16.0	12.1	8.7	11.9	16.1
TAR (=TPM-SN-H2O)	MG/CIG	8.5	15.0	11.4	8.1	11.2	15.2
SN SMOKE NICOTINE	MG/CIG	0.62	1.06	0.70	0.52	0.64	0.90
RATIO SN/TAR	%	7.3	7.1	6.2	6.4	5.7	6.0
PUFF COUNT	NO./CIG	8.2	10.3	8.0	7.5	7.9	7.8
CO CARBON MONOXIDE	MG/CIG	9.5	14.9	10.9	8.0	13.3	15.0
NO NITROGEN MONOXIDE	MG/CIG	0.13	0.21	0.07	0.06	0.13	0.22

F I L L E R

ALKALOIDS, TOTAL	%	1.71	1.81	1.35	1.55	1.31	1.55
REDUCING SUGARS	%	8.6	6.3	12.3	13.0	12.4	8.4
NITRATE NITROGEN	%	0.19	0.23	0.10	0.12	0.18	0.22
AMMONIA NITROGEN	%	0.21	0.26	0.07	0.07	0.09	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	730	886	754	715	747	788
DENSITY AT 12.5 % OV	MG/ML	241	249	248	233	250	257
OV AT EQUILIBRIUM	%	13.3	13.7	12.5	12.6	12.1	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	971	1151	976	954	941	1000
CIG. LENGTH, TOTAL	MM	84	99	84	84	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.85/24.6	7.97/25.0	8.00/25.1	7.96/24.9	8.00/25.1
CIG. RTD	MM H2O	119	112	112	89	113	110
CIG. VENTILATION	%	35	18	14	39	21	
FIRMNESS AS IS	MM	3.01	2.85	2.44	2.54	1.73	2.00
OVEN VOLATILES AS IS	%	12.2	12.3	11.7	11.9	9.4	11.5
FIRMNESS AT 12.5 % OV	MM	3.14	2.94	2.78	2.80	2.97	2.42
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	23	25	23	23	20	23
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	182	199	176	183	148	170
FILTER RTD	MM H2O	99	72	69	70	69	60
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	29	27	29	24	26
TIPPING PAPER TYPE		ICWHDL	ICD	IC	ICWHDL	IC	IC
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	
TIPPING,PERFO. LINES	NO.						

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AU

+ PME Brand () Converted values = PME specifications * Comments

2500077807

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+ARMADA	+ARMADA 100 S GALION	+ARMADA 100 S MENTHOL	BARCLAY	BARCLAY 100'S	BASTOS
BE BELGIUM	PROD. CENTERS OR MANUFACTURER	JUBILE	BERGEN OZ	BERGEN OZ	BAT BENEL.	BAT BENEL.	CINTA
	CIGARETTE CODE	ARK04	ARH02	ARM02	BAXGC	BBACC	BAFAC
	SIZE/NB PER PACK	KS F/25	100 F/20	100 F/20	KS F/20	100 F/20	REG F/25
	SAMPLING CODE	A 00 1	A 01 2	A 01 2	B 00 2	B 00 1	B 02 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	17.0	15.7	16.8	6.5	6.1	19.3
DPM DRY. PARTIC. MATTER	MG/CIG	14.7	14.3	15.5	6.1	5.7	16.7
TAR (=TPM-SN-H2O)	MG/CIG	13.8*	13.4	14.6	5.6	5.2	15.3
SN SMOKE NICOTINE	MG/CIG	0.92	0.88	0.92	0.51	0.50	1.36
RATIO SN/TAR	%	6.6	6.6	6.3	9.3	9.7	8.9
PUFF COUNT	NO./CIG	8.2	8.5	9.4	7.7	10.1	8.6
CO CARBON MONOXIDE	MG/CIG	14.8	12.9	14.0	6.2	7.4	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.11	0.13	0.07	0.09	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.58	1.64	1.65	2.62	2.48	1.99
REDUCING SUGARS	%	12.6	9.8	10.2	9.0	8.6	13.5
NITRATE NITROGEN	%	0.13	0.14	0.14	0.15	0.15	0.09
AMMONIA NITROGEN	%	0.07		0.09	0.11	0.11	0.06
TOB. WT. AT 12.5 % OV	MG/CIG	802	818	848	669	837	913
DENSITY AT 12.5 % OV	MG/ML	263	232	240	238	235	269
OV AT EQUILIBRIUM	%	13.1	12.8	12.9	12.6	12.5	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1015	1082	1113	977	1161	1098
CIG. LENGTH, TOTAL	MM	84	98	98	84	99	74
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.85/24.6	7.86/24.6	7.93/24.9	7.93/24.9	8.43/26.4
CIG. RTD	MM H2O	113	112	110	22	17	106
CIG. VENTILATION	%	6*	19	26	89	92	
FIRMNESS AS IS	MM	2.90			2.47	2.33	2.47
OVEN VOLATILES AS IS	%	12.3			11.6	11.0	12.2
FIRMNESS AT 12.5 % OV	MM	2.97			2.85	2.92	2.61
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	FPS	FPS	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22*	25	27	27	13
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
PA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	158	203	203	259	265
FILTER RTD	MM H2O	65	63	63	116	118
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26*	29	29	32	32
TIPPING PAPER TYPE	IC	ICD	WHGRD	ICWHD	ICWHD	IC
TIPPING PERFO. TYPE	EPZ	EPZ	EPZ	MPS	MPS	
TIPPING, PERFO. LINES	NO.			3	3	

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+ PME Brand () Converted values = PME specifications * Comments

2500077808

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BELGA	BELGA EXTRA LEGERE	BELGA ULTRA LEGERE	BOULE D'OR LEGERE	BOULE D'OR ULTRA LEGERE	CAMEL
BE-BELGIUM	PROD. CENTERS OR MANUFACTURER	VANDER ELS	VANDER ELS	VANDER ELS	ODON WARL.	ODON WARL.	GOSSET BE
	CIGARETTE CODE	BGFAC	BGEAC	BGCAC	BDOAC	BOLAC	CABCC
	SIZE/NB PER PACK	REG F/25	REG F/25	REG F/25	REG F/25	REG F/25	KS F/20
	SAMPLING CODE	B 02 2	B 00 1	A 00 2	B 00 2	B 02 2	B 01 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	18.2	8.5	2.1	14.9	3.5	16.4
DPM DRY. PARTIC. MATTER	MG/CIG	15.9	7.9	2.0	13.4	3.4	14.4
TAR (=TPM-SN-H2O)	MG/CIG	14.8	7.4*	1.8	12.4	3.1	13.4
SN SMOKE NICOTINE	MG/CIG	1.11	0.55*	0.19	1.00	0.27	0.98
RATIO SN/TAR	%	7.5	7.5	10.4	8.0	8.7	7.3
PUFF COUNT	NO./CIG	8.3	7.4	7.2	8.8	8.8	8.3
CO CARBON MONOXIDE	MG/CIG	11.2	6.4*	1.9	11.3	3.0	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.09	0.07	0.03	0.12	0.06	0.18

F I L L E R

ALKALOIDS, TOTAL	%	1.83	1.70*	1.85	2.01	1.68	1.85
REDUCING SUGARS	%	10.7	11.6	10.9	11.1	10.0	9.4
NITRATE NITROGEN	%	0.10	0.12	0.12	0.16	0.21	0.21
AMMONIA NITROGEN	%	0.11	0.12	0.13	0.09	0.12	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	844	743	673	846	798	774
DENSITY AT 12.5 % OV	MG/ML	256	250	227	258	242	247
OV AT EQUILIBRIUM	%	12.2	12.8	12.4	12.4	12.6	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1022	979	888	1023	1001	999
CIG. LENGTH, TOTAL	MM	74	74	74	74	74	84
CIG. DIAMETER/CIRCUMFER.	MM	8.43/26.4	8.45/26.5	8.45/26.5	8.41/26.4	8.44/26.5	7.96/24.9
CIG. RTD	MM H2O	92	92	59	105	83	97
CIG. VENTILATION	%	15	40*	75	27	70	16
FIRMNESS AS IS	MM	2.64	2.58	2.67	2.05	2.10	3.29
OVEN VOLATILES AS IS	%	12.6	12.3	11.9	11.4	11.7	13.6
FIRMNESS AT 12.5 % OV	MM	2.61	2.65	2.91	2.49	2.42	2.89
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	15	21	21	15	15
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	130	186	168	130	148
FILTER RTD	MM H2O	51	74	64	51	57
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	19	25	25	19	23
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ	MLPS	MLPS	MLPS	MLPS	EPZ
TIPPING, PERFO. LINES	NO.	4	7	1	3	

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BE

+ PME Brand () Converted values = PME specifications * Comments

2500077809

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD	+CHESTER- FIELD NON FILTER	DUNHILL SUPERIOR MILD	GAULOISES BLONDES	GAULOISES BLEU	KENT KING SIZE
BE BELGIUM	PROD. CENTERS OR MANUFACTURER	MUNICH	LAURENS	VANDER ELS	S.E.I.T.A	CINTA	LANDEWYCK
	CIGARETTE CODE	CEG06	CER07	DHECC	GBAHC	GBFBC	KEKGC
	SIZE/NB PER PACK	KS F/20	REG N/20	KS F/20	KS F/20	REG F/25	KS F/20
	SAMPLING CODE	A 00 4	A 00 2	B 01 2	B 01 2	B 02 2	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.3	18.4	10.9	17.6	15.1	14.2
DPM DRY.PARTIC.MATTER	MG/CIG	14.8	16.2	10.0	14.5	13.1	12.6
TAR (=TPM-SN-H2O)	MG/CIG	13.8	15.2	9.2	13.6	12.2	11.8
SN SMOKE NICOTINE	MG/CIG	0.96	0.99	0.78	0.88	0.84	0.85
RATIO SN/TAR	%	7.0	6.5	8.4	6.5	6.9	7.2
PUFF COUNT	NO./CIG	8.3	7.0	8.4	7.5	7.5	8.3
CO CARBON MONOXIDE	MG/CIG	13.7	7.9	9.1	14.9	15.1	12.2
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.10	0.08	0.21	0.32	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.86	1.74	1.67	1.76	1.83	1.75
REDUCING SUGARS	%	6.4	7.7	11.7	7.9	3.8	7.2
NITRATE NITROGEN	%	0.17	0.19	0.11	0.25	0.32	0.19
AMMONIA NITROGEN	%	0.18	0.18	0.08	0.09	0.36	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	752	869	759	783	823	774
DENSITY AT 12.5 % OV	MG/ML	244	244	250	248	242	251
OV AT EQUILIBRIUM	%	13.5	13.8	12.2	12.7	11.7	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	969	935	964	987	1021	980
CIG. LENGTH, TOTAL	MM	84	70	84	84	74	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	8.05/25.2	7.90/24.8	7.92/24.8	8.43/26.4	7.91/24.8
CIG. RTD	MM H2O	102	47	110	129	87	130
CIG. VENTILATION	%	13		32			17
FIRMNESS AS IS	MM	2.84	2.64	2.31	2.32	1.84	2.12
OVEN VOLATILES AS IS	%	12.7	12.3	11.9	11.6	11.7	11.7
FIRMNESS AT 12.5 % OV	MM	2.76	2.71	2.58	2.69	2.19	2.46
CIG. PAP. VENTIL. SYST.			EP				

F I L T E R

FILTER TYPE		S		S		S		S
FM FILTER MATERIAL		CA		CA		CA		CA
FILTER LENGTH, TOTAL	MM	21		22		20		21
FILTER-LENGTH PLUG 1	MM							
FILTER-LENGTH PLUG 2	MM							
FILTER-LENGTH PLUG 3	MM							
FA FIL.ADDITIVE TYPE								
FILTER WEIGHT	MG/FIL	158		162		153		158
FILTER RTD	MM H2O	63		75		62		70
FILTER EFFICIENCY	%							
TIPPING LENGTH ON CIG.	MM	25		26		24		25
TIPPING PAPER TYPE	IC			ICD		IC		WHD
TIPPING PERFO. TYPE		EPZ		MLPS				EPZ
TIPPING, PERFO. LINES	NO.			4				

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BE

+ PME Brand () Converted values = PME specifications * Comments

2500077810

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+L & M	+MARLBORO K.S.	+MARLBORO KING SIZE	+MARLBORO KING SIZE	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S BERGEN OZ
BE BELGIUM	PROD. CENTERS OR MANUFACTURER	MUNICH	IXELLES	BERGEN OZ	BERLIN	MUNICH	
	CIGARETTE CODE	LMY01	MLB15	MLB20	MLK40	MLK40	MMX06
	SIZE/NO PER PACK	KS F/25	KS F/20	KS F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 4	A 00 4	A 00 4	A 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	17.1	18.5	17.9	17.1	17.5	11.7
DPH DRY. PARTIC. MATTER	MG/CIG	14.7	15.9	15.3	14.7	14.9	10.7
TAR (=TPM-SN-H2O)	MG/CIG	13.7	14.9	14.4	13.8	14.0	10.0
SN SMOKE NICOTINE	MG/CIG	0.97	0.96	0.90	0.97	0.96	0.72
RATIO SN/TAR	%	7.1	6.4	6.2	7.0	6.9	7.3
PUFF COUNT	NO./CIG	8.3	8.1	8.1	8.4	8.6	9.8
CO CARBON MONOXIDE	MG/CIG	13.8	14.6	14.0	13.8	14.1	10.5
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.21	0.20	0.20	0.20	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.81	1.82	1.82	1.87	1.84	1.84
REDUCING SUGARS	%	6.5	8.0	7.8	5.9	6.2	8.2
NITRATE NITROGEN	%	0.17	0.20	0.20	0.21	0.20	0.20
AMMONIA NITROGEN	%	0.17	0.25	0.24	0.27	0.26	0.24
TOB. WT. AT 12.5 % OV	MG/CIG	751	746	752	768	768	875
DENSITY AT 12.5 % OV	MG/ML	243	242	242	250	250	245
OV AT EQUILIBRIUM	%	13.5	14.0	14.2	13.6	13.7	14.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	970	973	979	990	995	1154
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	98
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.90/24.8	7.92/24.8	7.89/24.7	7.88/24.7	7.89/24.7
CIG. RTD	MM H2O	102	108	107	106	109	110
CIG. VENTILATION	%	13	12	14	13	13	40
FIRMNESS AS IS	MM	2.84	2.83	2.80	2.73	2.73	2.91
OVEN VOLATILES AS IS	%	12.6	12.8	12.7	12.5	12.5	12.9
FIRMNESS AT 12.5 % OV	MM	2.81	2.71	2.71	2.72	2.72	2.74
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	21	21	21	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	158	163	162	164	163	201
FILTER RTD	MM H2O	63	69	69	69	69	96
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	25	25	25	32
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC	ICWHDL
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.						

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BE

+ PME Brand () Converted values = PME specifications * Comments

2500077811

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO 100'S	+MERIT	+NORTH POLE MENTHOL	PETER STUYVESANT EXTRA M.	PETER STUYVESANT
BE BELGIUM	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	BERGEN OZ	BERGEN OZ	IXELLES	JUBILE BE	JUBILE BE
	CIGARETTE CODE	MLX01	MLH01	MER20	NLK05	PSEDC	PSKDC
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/20	KS F/20	KS F/25	KS F/25
	SAMPLING CODE	A 00 4	A 00 4	A 01 2	A 01 2	B 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.1	18.2	7.9	17.4	5.2	15.3
DPM DRY.PARTIC.MATTER	MG/CIG	9.2	16.2	7.2	15.0	4.9	13.8
TAR (=TPM-SN-H2O)	MG/CIG	8.6	15.2	6.7	14.2	4.5	12.9
SN SMOKE NICOTINE	MG/CIG	0.60	1.01	0.47	0.84	0.39	0.97
RATIO SN/TAR	%	7.0	6.7	7.0	6.0	8.6	7.5
PUFF COUNT	NO./CIG	7.6	9.7	7.9	7.5	7.9	8.5
CO CARBON MONOXIDE	MG/CIG	9.8	14.1	9.2	14.4	3.7	12.0
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.21	0.14	0.13	0.05	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.83	1.82	1.81	1.65	1.89	1.70
REDUCING SUGARS	%	7.9	8.0	7.2	10.9	9.4	13.4
NITRATE NITROGEN	%	0.20	0.21	0.23	0.13	0.16	0.11
AMMONIA NITROGEN	%	0.24	0.25	0.19	0.08	0.13	0.06
TOB. WT. AT 12.5 % OV	MG/CIG	702	879	705	701	637	772
DENSITY AT 12.5 % OV	MG/ML	242	247	242	228	218	253
OV AT EQUILIBRIUM	%	14.2	14.3	13.8	12.6	12.3	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	970	1153	977	918	871	987
CIG. LENGTH, TOTAL	MM	84	98	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.87/24.7	7.93/24.9	7.89/24.7	7.94/24.9	7.91/24.8
CIG. RTD	MM H2O	107	114	120	126	88	115
CIG. VENTILATION	%	36	20	39		60	15
FIRMNESS AS IS	MM	2.95	2.81	2.86	2.37	2.71	2.91
OVEN VOLATILES AS IS	%	12.9	12.8	12.7	12.3	12.1	13.0
FIRMNESS AT 12.5 % OV	MM	2.80	2.69	2.78	2.47	2.86	2.73
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	25	21	25
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	203	198	208	165	187
FILTER RTD	MM H2O	95	71	111	71	82
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	29	32	25	29
TIPPING PAPER TYPE	ICWHD	ICD	ICWHD	WHD	ICD	IC
TIPPING PERFO. TYPE	EP2	EP2	EP2		MLPM	EP2
TIPPING, PERFO. LINES	NO.				1	

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BE

+ PME Brand () Converted values = PME specifications * Comments

2500077812

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS 100 SUPER L. BERGEN OZ	+PHILIP MORRIS LIGHTS IXELLES	+PHILIP MORRIS SUPER L. BERGEN OZ	+PHILIP MORRIS ULTRA LGTS MUNICH	RICHMOND	+VISA ROUGE
BE-BELGIUM	PROD. CENTERS OR MANUFACTURER					JUBILE BE	JUBILE
	CIGARETTE CODE	PHS02	PML02	PMS06	PMU08	RIDBC	VAR05
	SIZE/NB PER PACK	100 F/20	KS F/20	KS F/20	KS F/20	REG F/25	REG F/25
	SAMPLING CODE	A 01 2	A 00 3	A 00 4	A 00 4	A 03 1	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.5	10.3	4.4	2.7	18.8	17.3
DPM DRY.PARTIC.MATTER	MG/CIG	4.2	9.4	4.1	2.5	15.9	14.9
TAR (=TPM-SN-H2O)	MG/CIG	3.9	8.7	3.8	2.3	14.9	13.9
SN SMOKE NICOTINE	MG/CIG	0.31	0.63	0.31	0.23	1.01	0.95
RATIO SN/TAR	%	8.1	7.2	8.1	9.8	6.8	6.8
PUFF COUNT	NO./CIG	9.4	7.7	7.6	7.4	8.4	8.4
CO CARBON MONOXIDE	MG/CIG	4.3	9.7	4.0	2.7	14.0	13.0
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.13	0.06	0.04	0.11	0.13

F I L L E R

ALKALOIDS, TOTAL	%	2.06	1.83	2.07	2.54	1.76	1.55
REDUCING SUGARS	%	9.1	8.3	8.5	8.4	11.9	12.2
NITRATE NITROGEN	%	0.18	0.20	0.18	0.15	0.10	0.16
AMMONIA NITROGEN	%	0.13	0.28	0.14	0.14	0.10	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	815	694	656	598	860	880
DENSITY AT 12.5 % OV	MG/ML	229	241	226	208	262	267
OV AT EQUILIBRIUM	%	14.0	13.9	13.9	12.5	12.3	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1106	962	930	883	1054	1070
CIG. LENGTH, TOTAL	MM	98	84	84	84	74	74
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.89/24.7	7.92/24.8	7.89/24.7	8.41/26.4	8.43/26.4
CIG. RTD	MM H2O	100	106	101	79	107	92
CIG. VENTILATION	%	69	36	64	66		13
FIRMNESS AS IS	MM	2.95	2.80	2.71	2.91	2.38	2.94
OVEN VOLATILES AS IS	%	13.1	12.6	12.7	11.8	11.4	12.1
FIRMNESS AT 12.5 % OV	MM	2.71	2.76	2.64	3.21	2.84	3.11
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	D	S	S
FM FILTER MATERIAL		CA	CA	CA	CAP	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	25	25	15	15
FILTER-LENGTH PLUG 1	MM				16.0		
FILTER-LENGTH PLUG 2	MM				9.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	210	203	212	234	142	137
FILTER RTD	MM H2O	118	99	118	113	60	53
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	36	32	32	32	19	19
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	ICWHDL	IC	IC
TIPPING PERFO. TYPE		MLPS	EPZ	MLPS	MLPS		EPZ
TIPPING, PERFO. LINES	NO.	6		4	5		

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

UGE

COUNTRY OF SALE	BRAND NAME	+VISA VERTE	WINSTON
BE BELGIUM	PROD. CENTERS OR MANUFACTURER	JUBILE	GOSSET BE
	CIGARETTE CODE	VAV05	WIBOC
	SIZE/NB PER PACK	REG F/25	KS F/20
	SAMPLING CODE	A 00 3	B 01 1

5

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.3	16.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.0	14.3
TAR (=TPM-SN-H2O)	MG/CIG	14.0	13.2*

SN SMOKE NICOTINE	MG/CIG	0.96	1.02
RATIO SN/TAR	%	6.8	7.7
PUFF COUNT	NO./CIG	8.2	8.2

CO CARBON MONOXIDE	MG/CIG	12.6	11.2*
NO NITROGEN MONOXIDE	MG/CIG	0.09	0.17*

F I L L E R

ALKALOIDS, TOTAL	%	1.54	1.89
REDUCING SUGARS	%	12.5	9.1
NITRATE NITROGEN	%	0.12	0.21

AMMONIA NITROGEN	%	0.07	0.15
TOB. WT. AT 12.5 % OV	MG/CIG	860	776
DENSITY AT 12.5 % OV	MG/ML	262	249

OV AT EQUILIBRIUM	%	12.6	12.7
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C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1047	992
CIG. LENGTH, TOTAL	MM	74	84
CIG. DIAMETER/CIRCUMFER.	MM	8.42/26.4	7.94/24.9

CIG. RTD	MM H2O	87	96
CIG. VENTILATION	%	13	17
FIRMNESS AS IS	MM	3.36	3.05

OVEN VOLATILES AS IS	%	12.5	13.1
FIRMNESS AT 12.5 % OV	MM	3.35	2.80
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE	S	S
FM FILTER MATERIAL	CA	CA
FILTER LENGTH, TOTAL	MM 15	21

FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	

FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	138	164
FILTER RTD	MM H2O	53	63

FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	19	25
TIPPING PAPER TYPE	WHD		IC

TIPPING PERFO. TYPE	EPZ	EPZ*
TIPPING,PERFO. LINES	NO.	

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BE

+ PME Brand () Converted values = PME specifications * Comments

2500077814

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BT FILTER
BG BULGARIA	PROD. CENTERS OR MANUFACTURER	BULGAR TAB
	CIGARETTE CODE	BTFAC
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	25.1
DPM DRY.PARTIC.MATTER	MG/CIG	21.4
TAR (=TPM-SN-H2O)	MG/CIG	20.2
SN SMOKE NICOTINE	MG/CIG	1.11
RATIO SN/TAR	%	5.5
PUFF COUNT	NO./CIG	11.4
CO CARBON MONOXIDE	MG/CIG	15.5
NO NITROGEN MONOXIDE	MG/CIG	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.23
REDUCING SUGARS	%	9.2
NITRATE NITROGEN	%	0.11
AMMONIA NITROGEN	%	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	760
DENSITY AT 12.5 % OV	MG/ML	232
OV AT EQUILIBRIUM	%	11.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	953
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	8.07/25.3
CIG. RTD	MM H2O	104
CIG. VENTILATION	%	
FIRMNESS AS IS	MM	2.24
OVEN VOLATILES AS IS	%	10.7
FIRMNESS AT 12.5 % OV	MM	2.95
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 20
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 152
FILTER RTD.	MM H2O 56
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 24
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	
TIPPING, PERFO. LINES	NO.

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BG

2500077815

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+FORTUNA	+FORTUNA	+FORTUNA LIGHTS	+LARK	+MARLBORO	+MARLBORO KING SIZE
CJ-CANARY ISL	PROD. CENTERS OR MANUFACTURER	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ
	CIGARETTE CODE	FOK01	FOT01	FOL01	LAB01	MLF32	MLK35
	SIZE/NB PER PACK	KS F/20	LS F/20	KS F/20	LS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 3	A 00 3	A 00 3	A 00 4	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	20.2	20.4	11.6	18.9	19.5	18.9
DPM DRY.PARTIC.MATTER	MG/CIG	16.8	16.7	10.4	15.5	16.1	16.1
TAR (=TPM-SN-H2O)	MG/CIG	15.8	15.7	9.6	14.5	15.1	15.1
SN SMOKE NICOTINE	MG/CIG	1.06	1.02	0.72	0.97	0.96	1.01
RATIO SN/TAR	%	6.8	6.5	7.5	6.7	6.4	6.7
PUFF COUNT	NO./CIG	8.2	7.9	8.8	7.4	7.8	8.5
CO CARBON MONOXIDE	MG/CIG	16.2	15.3	11.3	15.1	15.8	14.8
NO NITROGEN MONOXIDE	MG/CIG	0.21	0.22	0.17	0.25	0.26	0.26

F I L L E R

ALKALOIDS, TOTAL	%	1.86	1.85	1.84	1.74	1.81	1.86
REDUCING SUGARS	%	7.8	7.9	7.7	7.9	7.7	8.2
NITRATE NITROGEN	%	0.22	0.22	0.22	0.22	0.26	0.25
AMMONIA NITROGEN	%	0.17	0.19	0.18	0.20	0.23	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	811	768	813	749	758	789
DENSITY AT 12.5 % OV	MG/ML	259	263	261	255	258	253
OV AT EQUILIBRIUM	%	12.7	13.0	12.8	12.3	13.0	13.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1020	969	1055	1055	966	1014
CIG. LENGTH, TOTAL	MM	84	79	84	79	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.93/24.9	7.95/24.9	7.94/24.9	7.93/24.9	7.94/24.9
CIG. RTD	MM H2O	119	118	139	117	124	126
CIG. VENTILATION	%			25			
FIRMNESS AS IS	MM	2.71	2.87	2.46	2.39	2.71	2.81
OVEN VOLATILES AS IS	%	12.2	12.7	12.3	11.5	12.6	12.6
FIRMNESS AT 12.5 % OV	MM	2.83	2.81	2.57	2.82	2.68	2.76
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	PSP	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	20	21	20	21
FILTER-LENGTH PLUG 1	MM			7.0		
FILTER-LENGTH PLUG 2	MM			8.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				AC		
FILTER WEIGHT	MG/FIL	155	148	260	155	166
FILTER RTD	MM H2O	60	58	99	68	70
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	24	27	25	24
TIPPING PAPER TYPE	IC	IC	WHDL	ICD	IC	IC
TIPPING PERFO. TYPE			EPZ			
TIPPING, PERFO. LINES	NO.					

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CJ

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MERIT	+SWING LIGHTS
CJ CANARY ISL	PROD. CENTERS OR MANUFACTURER	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ
	CIGARETTE CODE	MLL12	MLX10	MEQ07	SWE02
	SIZE/NB PER PACK	LS F/20	KS F/20	LS F/20	LS F/20
	SAMPLING CODE	A 00 3	A 01 2	A 01 2	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	11.4	11.0	10.9	10.5
DPM DRY.PARTIC.MATTER	MG/CIG	10.2	9.9	9.7	9.4
TAR (=TPM-SN-H2O)	MG/CIG	9.5	9.2	9.0	8.8
SN SMOKE NICOTINE	MG/CIG	0.68	0.69	0.66	0.64
RATIO SN/TAR	%	7.1	7.5	7.3	7.3
PUFF COUNT	NO./CIG	7.8	8.1	7.5	8.0
CO CARBON MONOXIDE	MG/CIG	11.7	10.3	10.9	10.5
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.20	0.19	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.78	1.79	1.81	1.80
REDUCING SUGARS	%	8.6	7.5	7.3	8.7
NITRATE NITROGEN	%	0.24	0.25	0.27	0.24
AMMONIA NITROGEN	%	0.22	0.23	0.24	0.15
TOB. WT. AT 12.5 % OV	MG/CIG	761	817	730	750
DENSITY AT 12.5 % OV	MG/ML	260	263	249	257
OV AT EQUILIBRIUM	%	13.2	12.3	12.9	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1001	1063	978	993
CIG. LENGTH, TOTAL	MM	79	84	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.92/24.8	7.94/24.9	7.90/24.8
CIG. RTD	MM H2O	138	141	145	147
CIG. VENTILATION	%	24	19	26	25
FIRMNESS AS IS	MM	2.93	2.50	3.20	2.84
OVEN VOLATILES AS IS	%	12.9	11.7	13.0	12.8
FIRMNESS AT 12.5 % OV	MM	2.79	2.83	3.02	2.74
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE		S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	20	20
FILTER-LENGTH PLUG 1	MM				
FILTER-LENGTH PLUG 2	MM				
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE					
FILTER WEIGHT	MG/FIL	182	190	191	187
FILTER RTD	MM H2O	101	105	115	112
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	27	31	27	27
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	EPZ
TIPPING, PERFO. LINES	NO.	2	2	2	

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CJ

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO KING SIZE	+MARLBORO LIGHTS	+MULTI- FILTER 100'S MUNICH	+PHILIP MORRIS LIGHTS BERGEN OZ	+PHILIP MORRIS SUPER L. MUNICH
CC. CORSICA	PROD. CENTERS OR MANUFACTURER	MACOTAB	MACOTAB			
	CIGARETTE CODE	MLB17	MLX27	MPH15	PML04	PMS01
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 3	A 00 4	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.1	10.0	10.4	10.1	4.0
DPM DRY.PARTIC.MATTER	MG/CIG	14.9	9.0	9.6	9.1	3.7
TAR (=TPM-SN-H2O)	MG/CIG	13.9	8.4	8.8	8.5	3.4
SN SMOKE NICOTINE	MG/CIG	0.94	0.61	0.75	0.60	0.28
RATIO SN/TAR	%	6.8	7.3	8.5	7.1	8.2
PUFF COUNT	NO./CIG	8.1	7.3	10.0	7.7	8.2
CO CARBON MONOXIDE	MG/CIG	14.3	10.2	10.8	9.3	4.9
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.15	0.10	0.14	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.78	1.79	1.65	1.81	1.94
REDUCING SUGARS	%	7.5	7.4	11.9	8.1	9.6
NITRATE NITROGEN	%	0.21	0.21	0.14	0.21	0.19
AMMONIA NITROGEN	%	0.24	0.24	0.09	0.24	0.15
TOB. WT. AT 12.5 % OV	MG/CIG	752	685	827	703	648
DENSITY AT 12.5 % OV	MG/ML	242	236	231	242	223
OV AT EQUILIBRIUM	%	13.2	13.4	12.0	14.3	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	977	950	1145	970	924
CIG. LENGTH, TOTAL	MM	84	84	98	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.91/24.8	7.87/24.7	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	109	115	122	106	99
CIG. VENTILATION	%	16	32	38	37	60
FIRMNESS AS IS	MM	2.97	2.88	2.62	2.86	2.97
OVEN VOLATILES AS IS	%	12.5	12.5	11.8	12.7	12.8
FIRMNESS AT 12.5 % OV	MM	2.97	2.89	2.88	2.80	2.85
CIG. PAP. VENTIL. SYST.						

F I L T E R

FILTER TYPE		S	S	D	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	25	25	25	25
FILTER-LENGTH PLUG 1	MM			12.0		
FILTER-LENGTH PLUG 2	MM			13.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				AC		
FILTER WEIGHT	MG/FIL	166	207	267	202	217
FILTER RTD	MM H2O	70	98	99	96	119
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	32	29	32	32
TIPPING PAPER TYPE		IC	ICWHDL	WHGRD	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		EPZ	EPZ	MLPS	EPZ	MLPS
TIPPING,PERFO. LINES	NO.			4		4

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CC

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BOND STREET	+BOND STREET	+L & M 100'S	+MARLBORO LIGHTS
CY: CYPRUS (GR)	PROD. CENTERS OR MANUFACTURER	CURITIBA	CURITIBA	CURITIBA	MUNICH
	CIGARETTE CODE	BSF01	BSK02	LMH01	MLX21
	SIZE/NB PER PACK	LS F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 4	A 00 4	A 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	18.0	18.4	19.7	9.2
DPM DRY. PARTIC. MATTER	MG/CIG	15.0	15.3	17.8	8.1
TAR (=TPM-SN-H2O)	MG/CIG	14.0	14.4	16.6	7.5
SN SMOKE NICOTINE	MG/CIG	0.90	0.94	1.14	0.59
RATIO SN/TAR	%	6.4	6.5	6.9	7.9
PUFF COUNT	NO./CIG	6.9	7.5	9.6	8.2
CO CARBON MONOXIDE	MG/CIG	15.7	16.2	17.7	
NO NITROGEN MONOXIDE	MG/CIG	0.22	0.23	0.22	

F I L L E R

ALKALOIDS, TOTAL	%	1.73	1.69	1.69	1.78
REDUCING SUGARS	%	8.6	9.4	9.7	8.7
NITRATE NITROGEN	%	0.24	0.24	0.19	0.22
AMMONIA NITROGEN	%	0.25	0.26	0.23	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	712	749	960	
DENSITY AT 12.5 % OV	MG/ML	247	244	252	
OV AT EQUILIBRIUM	%	12.1	12.5	12.6	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	909	953	1189	
CIG. LENGTH, TOTAL	MM	80	84	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5	7.83/24.5	7.84/24.6	
CIG. RTD	MM H2O	114	120	121	111
CIG. VENTILATION	%			12	36
FIRMNESS AS IS	MM	2.74	2.48	2.77	
OVEN VOLATILES AS IS	%	12.3	12.2	12.5	
FIRMNESS AT 12.5 % OV	MM	2.84	2.61	2.79	
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE		S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	20	25
FILTER-LENGTH PLUG 1	MM				
FILTER-LENGTH PLUG 2	MM				
FILTER-LENGTH PLUG 3	MM				
FA FIL. ADDITIVE TYPE					
FILTER WEIGHT	MG/FIL	148	152	155	217
FILTER RTD	MM H2O	66	65	64	86
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	24	24	30	32
TIPPING PAPER TYPE	IC	IC	ICD	WHD	
TIPPING PERFO. TYPE				EPZ	EPZ
TIPPING, PERFO. LINES	NO.				

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CY

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CLEA	DISCO	+MARLBORO	MARS M 20	MILDE SORTE	PETRA
CS C.S.F.R.	PROD. CENTERS OR MANUFACTURER	CSTP	CSTP	KUTNA HORA	CSTP	CSTP	CSTP
	CIGARETTE CODE	CCLAC	DICAC	MLK46	MMAAC	MSDFC	PEAAC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	REG F/20	KS F/20	KS F/20
	SAMPLING CODE	B 01 1	B 01 2	A 00 4	B 01 1	B 01 1	B 01 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	26.2	26.3	20.3	18.1	19.1	20.3
DPM DRY. PARTIC. MATTER	MG/CIG	23.3	22.2	16.8	16.0	16.5	17.5
TAR (=TPM-SN-H2O)	MG/CIG	22.3*	20.8	15.8	15.2*	15.5*	X 16.5
SN SMOKE NICOTINE	MG/CIG	0.99*	1.39	1.01	0.80*	1.00*	X 1.00
RATIO SN/TAR	%	4.4	6.7	6.4	5.3	6.4	6.0
PUFF COUNT	NO./CIG	11.4*	9.4	8.0	7.9*	8.4*	9.2
CO CARBON MONOXIDE	MG/CIG	20.4	15.8	15.3	13.0	14.1	16.6
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.12	0.24	0.26	0.15	0.22

F I L L E R

ALKALOIDS, TOTAL	%	1.02	1.75	1.80	1.28	1.52	1.63
REDUCING SUGARS	%	9.9	7.3	7.4	7.7	9.7	11.0
NITRATE NITROGEN	%	0.10	0.10	0.24	0.32	0.14	0.19
AMMONIA NITROGEN	%	0.09	0.10	0.26	0.13	0.10	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	902	744	774	688	754	866
DENSITY AT 12.5 % OV	MG/ML	267	238	242	238	235	273
OV AT EQUILIBRIUM	%	11.0	10.9	13.1	11.5	12.4	11.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1124	933	995	869	960	1063
CIG. LENGTH, TOTAL	MM	84	84	85	70	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.88/24.7	7.94/24.9	7.89/24.7	7.99/25.0	7.94/24.9
CIG. RTD	MM H2O	132	87	112	101	103	110
CIG. VENTILATION	%						
FIRMNESS AS IS	MM	2.06	1.97	2.41	2.40	2.51	2.31
OVEN VOLATILES AS IS	%	8.2	8.8	11.1	11.5	10.0	10.3
FIRMNESS AT 12.5 % OV	MM	3.78	3.46	2.97	2.81	3.51	3.19
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	15	20	20	11	20	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	186	151	162	138	159	154
FILTER RTD	MM H2O	72	52	66	52	54	51
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	19	24	24	19	24	24
TIPPING PAPER TYPE		IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE							
TIPPING,PERFO. LINES	NO.						

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CS

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	SPARTA	START MON FILTER
CS-C.S.F.R.	PROD. CENTERS OR MANUFACTURER	CSTP	CSTP
	CIGARETTE CODE	SPBAC	STZAC
	SIZE/NB PER PACK	KS F/20	REG N/20
	SAMPLING CODE	B 01 2	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	22.7	23.8
DPM DRY.PARTIC.MATTER	MG/CIG	19.7	21.0
TAR (=TPM-SN-H2O)	MG/CIG	18.4	19.8
SN SMOKE NICOTINE	MG/CIG	1.35	1.13
RATIO SN/TAR	%	7.3	5.7
PUFF COUNT	NO./CIG	9.9	7.9
CO CARBON MONOXIDE	MG/CIG	16.8	11.0
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.55	1.37
REDUCING SUGARS	%	11.7	7.6
NITRATE NITROGEN	%	0.08	0.11
AMMONIA NITROGEN	%	0.07	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	860	769
DENSITY AT 12.5 % OV	MG/ML	267	220
OV AT EQUILIBRIUM	%	11.7	10.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1055	801
CIG. LENGTH, TOTAL	MM	84	70
CIG. DIAMETER/CIRCUMFER.	MM	8.01/25.1	7.97/25.0
CIG. RTD	MM H2O	97	40
CIG. VENTILATION	%		
FIRMNESS AS IS	MM	2.03	2.77
OVEN VOLATILES AS IS	%	10.5	10.9
FIRMNESS AT 12.5 % OV	MM	2.85	3.43
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE	S	
FM FILTER MATERIAL	CA	
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	152
FILTER RTD	MM H2O	51
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE	IC	
TIPPING PERFO. TYPE		
TIPPING, PERFO. LINES	NO.	

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CS

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO KING SIZE	+MARLBORO LIGHTS	+MARLBORO 100'S	+MILD
DK-DENMARK	PROD. CENTERS OR MANUFACTURER	MUNICH	MUNICH	MUNICH	MUNICH
	CIGARETTE CODE	MLK40	MLX05	MHC06	MIL02
	SIZE/MB PER PACK	KS F/20	KS F/	100 F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 3	A 00 4	A 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.5	9.6	18.3	15.5
DPM DRY.PARTIC.MATTER	MG/CIG	14.9	8.7	16.0	13.5
TAR (=TPM-SN-H2O)	MG/CIG	14.0	8.1	15.0	12.7
SN SMOKE NICOTINE	MG/CIG	0.96	0.60	1.06	0.85
RATIO SN/TAR	%	6.9	7.4	7.1	6.7
PUFF COUNT	NO./CIG	8.6	8.0	10.3	9.1
CO CARBON MONOXIDE	MG/CIG	14.1	9.8	14.9	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.14	0.21	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.84	1.80	1.81	1.67
REDUCING SUGARS	%	6.2	8.2	6.3	10.2
NITRATE NITROGEN	%	0.20	0.20	0.23	0.24
AMMONIA NITROGEN	%	0.26	0.25	0.26	0.15
TOB. WT. AT 12.5 % OV	MG/CIG	768	717	886	827
DENSITY AT 12.5 % OV	MG/ML	250	247	249	269
OV AT EQUILIBRIUM	%	13.7	13.0	13.7	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	995	977	1151	1042
CIG. LENGTH, TOTAL	MM	84	84	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.90/24.8	7.85/24.6	7.89/24.7
CIG. RTD	MM H2O	109	110	112	103
CIG. VENTILATION	%	13	34	18	13
FIRMNESS AS IS	MM	2.73	2.74	2.85	3.13
OVEN VOLATILES AS IS	%	12.5	12.6	12.3	13.0
FIRMNESS AT 12.5 % OV	MM	2.72	2.69	2.94	2.93
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	25
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	163	203	199
FILTER RTD	MM H2O	69	96	72
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	25	32	29
TIPPING PAPER TYPE	IC	IC	ICD	IC
TIPPING PERFO. TYPE	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.			

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DK

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CLEOPATRA 100'S	KENT DE LUXE	LITE	+MARLBORO	+MARLBORO LIGHTS	ROTHMANS
EG EGYPT	PROD. CENTERS OR MANUFACTURER	EASTERN TO	EASTERN TO	AL NASR	CAIRO TALB	CAIRO TALB	EASTERN TO
	CIGARETTE CODE	CLQBC	KEHEC	LISAC	MLF51	MLW01	RTKNC
	SIZE/NB PER PACK	100 F/20	100 F/20	LS F/20	LS F/20	LS F/20	KS F/20
	SAMPLING CODE	B 03 1	B 03 1	B 03 1	A 00 4	A 02 2	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	23.4	17.2	14.8	18.8	11.2	16.2
DPM DRY.PARTIC.MATTER	MG/CIG	20.8	14.9	12.9	15.6	10.1	13.5
TAR (=TPM-SN-H2O)	MG/CIG	19.7	14.0	12.1	14.7	9.4	12.6
SN SMOKE NICOTINE	MG/CIG	1.10	0.96	0.78	0.93	0.70	0.92
RATIO SN/TAR	%	5.6	6.8	6.5	6.4	7.5	7.3
PUFF COUNT	NO./CIG	12.2	8.0	9.6	7.7	8.0	7.7
CO CARBON MONOXIDE	MG/CIG	19.7	15.7	10.8	13.9	8.7	13.6
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.27	0.10	0.23	0.16	0.10

F I L L E R

ALKALOIDS, TOTAL	%	1.35	1.78	1.43	1.78	1.78	1.64
REDUCING SUGARS	%	12.8	5.3	9.3	7.3	8.4	9.6
NITRATE NITROGEN	%	0.12	0.24	0.11	0.24	0.24	0.12
AMMONIA NITROGEN	%	0.10	0.16	0.09	0.24	0.25	0.06
TOB. WT. AT 12.5 % OV	MG/CIG	991	830	785	748	734	787
DENSITY AT 12.5 % OV	MG/ML	285	246	257	250	248	252
OV AT EQUILIBRIUM	%	12.3	12.0	12.9	12.8	12.8	11.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1265	1103	990	953	948	1002
CIG. LENGTH, TOTAL	MM	100	98	80	79	79	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.95/24.9	7.99/25.0	7.97/25.0	7.93/24.9	7.89/24.7
CIG. RTD	MM H2O	149	139	93	114	90	113
CIG. VENTILATION	%			27	10	37	
FIRMNESS AS IS	MM	2.52	2.63	3.40	2.74	2.79	1.83
OVEN VOLATILES AS IS	%	11.2	11.7	13.3	12.0	12.9	10.8
FIRMNESS AT 12.5 % OV	MM	3.04	2.97	3.10	2.93	2.65	2.52
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	30	30	19	19	19	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
PA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	222	223	153	153	155	167
FILTER RTD	MM H2O	80	75	71	69	68	58
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	34	34	23	23	27	24
TIPPING PAPER TYPE		WH	WHD	IC	IC	WHDL	IC
TIPPING PERFO. TYPE				MLPS	EPZ	EPZ	
TIPPING,PERFO. LINES	NO.			4			

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EG

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON
EG EGYPT	PROD. CENTERS OR MANUFACTURER	EASTERN TO
	CIGARETTE CODE	WIKRC
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.7
DPM DRY.PARTIC.MATTER	MG/CIG	15.3
TAR (=TPM-SN-H2O)	MG/CIG	14.4
SN SMOKE NICOTINE	MG/CIG	0.89
RATIO SN/TAR	%	6.2
PUFF COUNT	NO./CIG	7.6
CO CARBON MONOXIDE	MG/CIG	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.26

F I L L E R

ALKALOIDS, TOTAL	%	1.47
REDUCING SUGARS	%	7.7
NITRATE NITROGEN	%	0.30
AMMONIA NITROGEN	%	0.06
TOB. WT. AT 12.5 % OV	MG/CIG	743
DENSITY AT 12.5 % OV	MG/ML	232
OV AT EQUILIBRIUM	%	11.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	936
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.98/25.0
CIG. RTD	MM H2O	97
CIG. VENTILATION	%	
FIRMNESS AS IS	MM	1.92
OVEN VOLATILES AS IS	%	10.6
FIRMNESS AT 12.5 % OV	MM	2.70
CIG. PAP. VENTIL. SYST.	EP	

F I L T E R

FILTER TYPE	S	
FM FILTER MATERIAL	CA	
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	153
FILTER RTD	MM H2O	46
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE	IC	
TIPPING PERFO. TYPE		
TIPPING, PERFO. LINES	NO.	

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EG

+ PME Brand () Converted values = PME specifications * Comments

2500077824

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BELMONT EXTRA MILD	+BELMONT FILTER	+BELMONT MENTHOL	+BELMONT ULTRA	+BELMONT 2002	+BELMONT 2002 MENTHOL
SF FINLAND	PROD. CENTERS OR MANUFACTURER	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA
	CIGARETTE CODE	BEL01	BEK01	BEI01	BEJ01	BER01	BEU01
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 3	A 00 3	A 01 2	A 00 4	A 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.3	8.2	8.1	2.1	6.0	5.8
DEPM DRY.PARTIC.MATTER	MG/CIG	7.7	7.6	7.5	2.0	5.7	5.4
TAR (=TPM-SN-H2O)	MG/CIG	7.1	7.0	6.9	1.8	5.2	5.0
SN SMOKE NICOTINE	MG/CIG	0.61	0.59	0.58	0.19	0.48	0.45
RATIO SN/TAR	%	8.6	8.6	8.5	11.3	9.3	8.9
PUFF COUNT	NO./CIG	6.3	6.4	6.5	7.4	6.8	6.9
CO CARBON MONOXIDE	MG/CIG	7.8	8.3	7.9	2.1	5.5	5.1
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.11	0.10	0.04	0.08	0.07

F I L L E R

ALKALOIDS, TOTAL	%	2.01	1.99	2.00	1.97	2.00	2.02
REDUCING SUGARS	%	9.3	10.0	9.5	9.3	9.5	9.5
NITRATE NITROGEN	%	0.20	0.19	0.21	0.20	0.19	0.20
AMMONIA NITROGEN	%	0.13	0.12	0.12	0.13	0.13	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	565	565	560	560	566	565
DENSITY AT 12.5 % OV	MG/ML	209	210	207	206	209	208
OV AT EQUILIBRIUM	%	12.2	12.2	12.3	12.3	12.3	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	816	895	816	935	816	817
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.85/24.6	7.82/24.5	7.85/24.6	7.87/24.7	7.84/24.6	7.87/24.7
CIG. RTD	MM H2O	97	100	101	73	82	80
CIG. VENTILATION	%	37	38	37	77	54	56
FIRMNESS AS IS	MM	3.00	2.62	2.95	2.79	3.04	2.95
OVEN VOLATILES AS IS	%	12.4	11.4	12.5	12.5	12.7	12.6
FIRMNESS AT 12.5 % OV	MM	3.07	3.06	2.96	2.78	2.96	2.91
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	D	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	28	28	28	28
FILTER-LENGTH PLUG 1	MM		15.0				
FILTER-LENGTH PLUG 2	MM		13.0				
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE			AC				
FILTER WEIGHT	MG/FIL	208	286	213	332	206	206
FILTER RTD	MM H2O	83	86	88	110	82	82
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	32	32	32	32
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	ICWHDL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.				6	6	6

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SF

+ PME Brand () Converted values = PME specifications * Comments

2500077825

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+L & M	+L & M LIGHTS	+L & M ULTRA LIGHTS	+MARLBORO	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS MENTHOL
SF FINLAND	PROD. CENTERS OR MANUFACTURER	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA
	CIGARETTE CODE	LMK19	LMD03	LMU01	MLK48	MHX10	MLI06
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 1	A 00 2	A 01 2	A 00 4	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.3	8.7	3.1	16.3	11.0	9.4
DPM DRY.PARTIC.MATTER	MG/CIG	14.1*	8.0	2.9	14.2	10.1	8.6
TAR (=TPM-SN-H2O)	MG/CIG	13.2	7.4	2.6	13.2	9.4	8.0
SN SMOKE NICOTINE	MG/CIG	0.88	0.59	0.29	0.93	0.72	0.59
RATIO SN/TAR	%	6.7	7.9	11.3	7.0	7.7	7.4
PUFF COUNT	NO./CIG	8.1	7.3	7.2	8.3	9.8	7.4
CO CARBON MONOXIDE	MG/CIG	11.1	7.8	2.5	12.5	9.8	8.1
NO NITROGEN MONOXIDE	MG/CIG	0.15	0.10	0.05	0.18	0.14	0.12

F I L L E R

ALKALOIDS, TOTAL	%	1.81*	1.86	1.98	1.82	1.79	1.81
REDUCING SUGARS	%	7.1	8.1	9.5	8.6	9.1	8.6
NITRATE NITROGEN	%	0.19	0.20	0.20	0.22	0.21	0.22
AMMONIA NITROGEN	%	0.17	0.18	0.15	0.22	0.21	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	731	650	556	735	814	647
DENSITY AT 12.5 % OV	MG/ML	240	239	205	241	238	238
OV AT EQUILIBRIUM	%	13.2	13.1	12.1	13.1	13.1	13.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	947	908	804	951	1086	905
CIG. LENGTH, TOTAL	MM	84	84	84	84	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.85/24.6	7.86/24.6	7.86/24.6	7.87/24.7	7.84/24.6	7.86/24.6
CIG. RTD	MM H2O	104	91	65	101	93	91
CIG. VENTILATION	%	23	43	70	25	45	41
FIRMNESS AS IS	MM	2.54	2.77	3.10	3.07	3.16	3.23
OVEN VOLATILES AS IS	%	12.2	12.3	12.9	12.6	12.6	12.8
FIRMNESS AT 12.5 % OV	MM	2.67	2.87	2.96	3.06	3.11	3.12
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	28	28	21	28
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	160	209	205	161	208
FILTER RTD	MM H2O	67	83	84	69	82
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	32	32	25	32
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ	MLPS	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.			5		

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SF

+ PME Brand () Converted values = PME specifications * Comments

2500077826

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO MENTHOL	+MARLBORO 100'S	+MULTI- FILTER
SF. FINLAND	PROD. CENTERS OR MANUFACTURER	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA	ATO HYRYLA
	CIGARETTE CODE	MLL13	MM01	MHC13	MPK02
	SIZE/NS PER PACK	KS F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 3	A 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	9.3	16.9	13.8	15.2
DPM DRY. PARTIC. MATTER	MG/CIG	8.5	14.6	12.5	13.3
TAR (*TPM-SN-H2O)	MG/CIG	7.9	13.6	11.6	12.4
SN SMOKE NICOTINE	MG/CIG	0.60	0.94	0.84	0.95
RATIO SN/TAR	%	7.6	6.9	7.3	7.7
PUFF COUNT	NO./CIG	7.7	8.3	9.5	8.4
CO CARBON MONOXIDE	MG/CIG	8.5	12.7	12.9	13.3
NO NITROGEN MONOXIDE	MG/CIG	0.13	0.18	0.18	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.81	1.81	1.80	1.90
REDUCING SUGARS	%	8.5	9.0	8.8	8.1
NITRATE NITROGEN	%	0.21	0.21	0.21	0.22
AMMONIA NITROGEN	%	0.22	0.19	0.21	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	662	734	816	735
DENSITY AT 12.5 % OV	MG/ML	244	240	238	242
OV AT EQUILIBRIUM	%	13.4	13.4	13.2	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	924	953	1087	1034
CIG. LENGTH, TOTAL	MM	84	84	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.87/24.7	7.87/24.7	7.84/24.6	7.84/24.6
CIG. RTD	MM H2O	93	100	106	112
CIG. VENTILATION	%	42	22	32	25
FIRMNESS AS IS	MM	2.95	2.91	3.02	2.85
OVEN VOLATILES AS IS	%	12.5	12.4	12.3	11.7
FIRMNESS AT 12.5 % OV	MM	2.97	2.96	3.11	3.19
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	D
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	21	28
FILTER-LENGTH PLUG 1	MM			8.0
FILTER-LENGTH PLUG 2	MM			13.0
FILTER-LENGTH PLUG 3	MM			
FA FIL. ADDITIVE TYPE				AC
FILTER WEIGHT	MG/FIL	209	161	206
FILTER RTD	MM H2O	84	68	84
				79
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	32	25	32
TIPPING PAPER TYPE		ICWHDL	IC	ICD
				WHGRD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.			

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SF

+ PME Brand () Converted values = PME specifications * Comments

2500077827

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+ARMADA 100 S GALION BERGEN OZ	+ARMADA 100 S MENTHOL BERGEN OZ	+BATTISTONI MUNICH	+CHESTER- FIELD FILTER LAURENS	+CHESTER- FIELD MUNICH	+CHESTER- FIELD BERGEN OZ
FR FRANCE	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	ARH02	ARM02	BAB01	CEP04	CEG06	CEG12
	SIZE/NB PER PACK	100 F/20	100 F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 01 2	A 01 2	A 00 3	A 00 2	A 00 4	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	15.7	16.8	16.9	16.8	17.3	17.8
DPM DRY.PARTIC.MATTER	MG/CIG	14.3	15.5	14.4	14.5	14.8	15.5
TAR (=TPM-SN-H2O)	MG/CIG	13.4	14.6	13.5	13.6	13.8	14.6
SN SMOKE NICOTINE	MG/CIG	0.88	0.92	0.95	0.91	0.96	0.92
RATIO SN/TAR	%	6.6	6.3	7.1	6.7	7.0	6.3
PUFF COUNT	NO./CIG	8.5	9.4	8.4	7.8	8.3	8.2
CO CARBON MONOXIDE	MG/CIG	12.9	14.0	13.1	12.8	13.7	14.3
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.13	0.17	0.15	0.16	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.64	1.65	0.90	1.79	1.86	1.82
REDUCING SUGARS	%	9.8	10.2	4.5	7.4	6.4	7.6
NITRATE NITROGEN	%	0.14	0.14	0.10	0.20	0.17	0.17
AMMONIA NITROGEN	%		0.09	0.19	0.19	0.18	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	818	848	782	719	752	747
DENSITY AT 12.5 % OV	MG/ML	232	240	252	236	244	243
OV AT EQUILIBRIUM	%	12.8	12.9	13.7	13.4	13.5	14.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1082	1113	1000	936	969	972
CIG. LENGTH, TOTAL	MM	98	98	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.85/24.6	7.86/24.6	7.92/24.8	7.90/24.8	7.90/24.8	7.89/24.7
CIG. RTD	MM H2O	112	110	101	105	102	100
CIG. VENTILATION	%	19	26	16	15	13	16
FIRMNESS AS IS	MM			3.02	2.67	2.84	2.95
OVEN VOLATILES AS IS	%			13.0	12.2	12.7	12.9
FIRMNESS AT 12.5 % OV	MM			2.82	2.81	2.76	2.79
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	21	22	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	203	203	160	160	158
FILTER RTD	MM H2O	63	63	64	61	63
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	29	25	26	25
TIPPING PAPER TYPE	ICD	ICD	WHGRD	ICD	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.					

33.440

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FR

+ PME Brand () Converted values = PME specifications * Comments

2500077828

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD LIGHTS MUNICH	+FORTUNA MUNICH	+MARLBORO K.S. IXELLES	+MARLBORO KING SIZE BERGEN OZ	+MARLBORO KING SIZE BERLIN	+MARLBORO KING SIZE MUNICH
FR:FRANCE	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	CEN02	FOR01	MLB15	MLB20	MLK40	MLK40
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 4	A 00 4	A 00 4	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.0	16.7	18.5	17.9	17.1	17.5
DPH DRY.PARTIC.MATTER	MG/CIG	8.2	14.6	15.9	15.3	14.7	14.9
TAR (=TPM-SN-H2O)	MG/CIG	7.7	13.7	14.9	14.4	13.8	14.0
SN SMOKE NICOTINE	MG/CIG	0.58	0.94	0.96	0.90	0.97	0.96
RATIO SN/TAR	%	7.6	6.9	6.4	6.2	7.0	6.9
PUFF COUNT	NO./CIG	7.8	8.4	8.1	8.1	8.4	8.6
CO CARBON MONOXIDE	MG/CIG	8.8	14.4	14.6	14.0	13.8	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.18	0.21	0.20	0.20	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.81	1.80	1.82	1.82	1.87	1.84
REDUCING SUGARS	%	8.6	9.4	8.0	7.8	5.9	6.2
NITRATE NITROGEN	%	0.17	0.19	0.20	0.20	0.21	0.20
AMMONIA NITROGEN	%	0.17	0.15	0.25	0.24	0.27	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	689	766	746	752	768	768
DENSITY AT 12.5 % OV	MG/ML	239	247	242	242	250	250
OV AT EQUILIBRIUM	%	13.1	13.7	14.0	14.2	13.6	13.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	953	985	973	979	990	995
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.91/24.8	7.90/24.8	7.92/24.8	7.89/24.7	7.88/24.7
CIG. RTD	MM H2O	107	101	108	107	106	109
CIG. VENTILATION	%	35	12	12	14	13	13
FIRMNESS AS IS	MM	2.77	2.83	2.83	2.80	2.73	2.73
OVEN VOLATILES AS IS	%	12.8	12.4	12.8	12.7	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	2.66	2.89	2.71	2.71	2.72	2.72
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	21	21	21	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	205	158	163	162	164
FILTER RTD	MM H2O	92	63	69	69	69
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	25	25	25	25
TIPPING PAPER TYPE	ICWHDL	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.					

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS	+MARLBORO 100'S	+MERIT	+MULTI- FILTER 100'S
FR-FRANCE	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	BERGEN OZ	MUNICH	BERGEN OZ	MUNICH	MUNICH
	CIGARETTE CODE	MHX06	MLX01	MLI05	MLH01	MER14	MPH15
	SIZE/NB PER PACK	100 F/20	KS F/20	KS F/20	100 F/20	KS F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 4	A 01 3	A 00 4	A 00 3	A 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	11.7	10.1	9.7	18.2	8.1	10.4
DPM DRY.PARTIC.MATTER	MG/CIG	10.7	9.2	8.7	16.2	7.2	9.6
TAR (=TPM-SN-H2O)	MG/CIG	10.0	8.6	8.2	15.2	6.7	8.8
SN SMOKE NICOTINE	MG/CIG	0.72	0.60	0.55	1.01	0.52	0.75
RATIO SN/TAR	%	7.3	7.0	6.7	6.7	7.8	8.5
PUFF COUNT	NO./CIG	9.8	7.6	7.8	9.7	7.9	10.0
CO CARBON MONOXIDE	MG/CIG	10.5	9.8	9.0	14.1	8.9	10.8
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.14	0.12	0.21	0.15	0.10

F I L L E R

ALKALOIDS, TOTAL	%	1.84	1.83	1.70	1.82	1.84	1.65
REDUCING SUGARS	%	8.2	7.9	4.7	8.0	7.9	11.9
NITRATE NITROGEN	%	0.20	0.20	0.19	0.21	0.25	0.14
AMMONIA NITROGEN	%	0.24	0.24	0.13	0.25	0.19	0.09
TOB. WT. AT 12.5 % OV	MG/CIG	875	702	713	879	694	827
DENSITY AT 12.5 % OV	MG/ML	245	242	246	247	241	231
OV AT EQUILIBRIUM	%	14.2	14.2	13.7	14.3	13.9	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1154	970	975	1153	969	1145
CIG. LENGTH, TOTAL	MM	98	84	84	98	84	98
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.92/24.8	7.91/24.8	7.87/24.7	7.90/24.8	7.87/24.7
CIG. RTD	MM H2O	110	107	112	114	121	122
CIG. VENTILATION	%	40	36	30	20	35	38
FIRMNESS AS IS	MM	2.91	2.95	2.77	2.81	2.59	2.62
OVEN VOLATILES AS IS	%	12.9	12.9	12.8	12.8	12.5	11.8
FIRMNESS AT 12.5 % OV	MM	2.74	2.80	2.65	2.69	2.61	2.88
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	D
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	25	25	25
FILTER-LENGTH PLUG 1	MM					12.0
FILTER-LENGTH PLUG 2	MM					13.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						AC
FILTER WEIGHT	MG/FIL	201	203	201	198	211
FILTER RTD	MM H2O	96	95	98	71	114
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	32	29	32
TIPPING PAPER TYPE	ICWHDL	ICWHDL	WHDL	ICD	ICWHDL	WHDL
TIPPING PERFO. TYPE	EPZ	EPZ	MLPS	EPZ	EPZ	MLPS
TIPPING, PERFO. LINES	NO.			4		4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI AMBASSADOR EXTRA M. IXELLES	+MURATTI AMBASSADOR IXELLES	+PHILIP MORRIS 100 SUPER L. BERGEN OZ	+PHILIP MORRIS 100 ULTRA L. MUNICH	+PHILIP MORRIS MUNICH	+PHILIP MORRIS LIGHTS BERGEN OZ
FR. FRANCE	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	MAC14	MAJ03	PHS02	PHU01	PMB03	PML04
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	A 00 4	A 01 2	A 00 3	A 00 4	A 00 4
S M O K E							
TPM TOT.PARTIC.MATTER	MG/CIG	7.5	10.4	4.5	3.3	17.6	10.1
DPM DRY.PARTIC.MATTER	MG/CIG	6.9	9.5	4.2	3.0	14.9	9.1
TAR (=TPM-SN-H2O)	MG/CIG	6.4	8.9	3.9	2.7	14.0	8.5
SN SMOKE NICOTINE	MG/CIG	0.51	0.66	0.31	0.28	0.96	0.60
RATIO SN/TAR	%	8.0	7.5	8.1	10.3	6.9	7.1
PUFF COUNT	NO./CIG	7.5	7.9	9.4	8.6	8.5	7.7
CO CARBON MONOXIDE	MG/CIG	6.8	9.6	4.3	3.1	14.6	9.3
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.10	0.06	0.05	0.20	0.14
F I L L E R							
ALKALOIDS, TOTAL	%	1.65	1.65	2.06	2.55	1.82	1.81
REDUCING SUGARS	%	10.7	10.9	9.1	10.7	6.1	8.1
NITRATE NITROGEN	%	0.13	0.13	0.18	0.17	0.21	0.21
AMMONIA NITROGEN	%	0.09	0.08	0.13	0.14	0.25	0.24
TOB. WT. AT 12.5 % OV	MG/CIG	645	702	815	740	769	703
DENSITY AT 12.5 % OV	MG/ML	224	228	229	211	248	242
OV AT EQUILIBRIUM	%	12.5	12.7	14.0	12.2	13.6	14.3
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	970	998	1106	1034	999	970
CIG. LENGTH, TOTAL	MM	84	84	98	98	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.89/24.7	7.88/24.7	7.84/24.6	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	91	104	100	78	108	106
CIG. VENTILATION	%	48	36	69	67	12	37
FIRMNESS AS IS	MM	2.38	2.28	2.95	3.38	2.92	2.86
OVEN VOLATILES AS IS	%	11.8	11.6	13.1	12.1	12.7	12.7
FIRMNESS AT 12.5 % OV	MM	2.68	2.64	2.71	3.53	2.83	2.80
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE		D	D	S	D	S	S
FM FILTER MATERIAL		CA	CA	CA	CAP	CA	CA
FILTER LENGTH, TOTAL	MM	25	21	25	25	21	25
FILTER-LENGTH PLUG 1	MM	13.0	8.0		17.0		
FILTER-LENGTH PLUG 2	MM	12.0	13.0		8.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC	AC				
FILTER WEIGHT	MG/FIL	276	244	210	229	164	202
FILTER RTD	MM H2O	84	78	118	108	69	96
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	25	36	36	25	32
TIPPING PAPER TYPE		WHGRD	WHGRD	ICWHD	ICWHD	IC	ICWHD
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	MLPS	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	3	2	6	6		

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS SUPER L. MUNICH	+PHILIP MORRIS ULTRA LGTS MUNICH
FR- FRANCE	PROD. CENTERS OR MANUFACTURER		
	CIGARETTE CODE	PMS01	PMU08
	SIZE/NB PER PACK	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.0	2.7
DPM DRY.PARTIC.MATTER	MG/CIG	3.7	2.5
TAR (=TPM-SN-H2O)	MG/CIG	3.4	2.3
SN SMOKE NICOTINE	MG/CIG	0.28	0.23
RATIO SN/TAR	%	8.2	9.8
PUFF COUNT	NO./CIG	8.2	7.4
CO CARBON MONOXIDE	MG/CIG	4.9	2.7
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.04

F I L L E R

ALKALOIDS, TOTAL	%	1.94	2.54
REDUCING SUGARS	%	9.6	8.4
NITRATE NITROGEN	%	0.19	0.15
AMMONIA NITROGEN	%	0.15	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	648	598
DENSITY AT 12.5 % OV	MG/ML	223	208
OV AT EQUILIBRIUM	%	13.5	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	924	883
CIG. LENGTH, TOTAL	MM	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.89/24.7
CIG. RTD	MM H2O	99	79
CIG. VENTILATION	%	60	66
FIRMNESS AS IS	MM	2.97	2.91
OVEN VOLATILES AS IS	%	12.8	11.8
FIRMNESS AT 12.5 % OV	MM	2.85	3.21
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE	S	D
FM FILTER MATERIAL	CA	CAP
FILTER LENGTH, TOTAL	MM	25
FILTER-LENGTH PLUG 1	MM	16.0
FILTER-LENGTH PLUG 2	MM	9.0
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	217
FILTER RTD	MM H2O	119
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	32
TIPPING PAPER TYPE	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BENSON & HEDGES	CABINET WURZIG 100'S	CABINET WURZIG	CAMEL	CAMEL LIGHTS	+CHESTER-FIELD
DE GERM. WEST	PROD. CENTERS OR MANUFACTURER	BAT DB	REEMTSMA	REEMTSMA	REYNOLDS	REYNOLDS	MUNICH
	CIGARETTE CODE	BNFMC	CMGAC	CMJAC	CAKFC	CAMAC	CEG06
	SIZE/MB PER PACK	KS F/19	100 F/19	KS F/19	KS F/19	KS F/19	KS F/20
	SAMPLING CODE	B 01 2	B 01 1	B 00 4	A 00 4	B 01 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	15.8	20.0	20.7	16.0	7.0	17.3
DPH DRY.PARTIC.MATTER	MG/CIG	13.9	16.8	17.9	13.9	6.4	14.8
TAR (-TPM-SN-H2O)	MG/CIG	13.0	15.5	16.8	12.9	5.9	13.8
SN SMOKE NICOTINE	MG/CIG	0.93	1.26	1.13	0.98	0.47	0.96
RATIO SN/TAR	%	7.2	8.1	6.7	7.6	8.0	7.0
PUFF COUNT	NO./CIG	8.1	9.2	8.6	8.3	8.7	8.3
CO CARBON MONOXIDE	MG/CIG	14.8	16.8	16.3	12.0	6.9	13.7
NO NITROGEN MONOXIDE	MG/CIG	0.15	0.26	0.20	0.20	0.13	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.73	1.94	1.66	1.88	1.71	1.86
REDUCING SUGARS	%	9.4	8.6	11.3	9.2	10.5	6.4
NITRATE NITROGEN	%	0.18	0.24	0.19	0.23	0.27	0.17
AMMONIA NITROGEN	%	0.07	0.15	0.13	0.14	0.13	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	808	816	749	772	749	752
DENSITY AT 12.5 % OV	MG/ML	256	218	239	247	239	244
OV AT EQUILIBRIUM	%	12.8	12.6	12.7	12.5	12.9	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1024	1047	959	990	973	969
CIG. LENGTH, TOTAL	MM	84	100	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.99/25.0	7.97/25.0	7.96/24.9	7.94/24.9	7.96/24.9	7.90/24.8
CIG. RTD	MM H2O	112	123	95	98	111	102
CIG. VENTILATION	%	10	9	16	16	47	13
FIRMNESS AS IS	MM	2.92	2.77	2.80	3.20	2.75	2.84
OVEN VOLATILES AS IS	%	12.9	12.7	13.1	13.4	12.9	12.7
FIRMNESS AT 12.5 % OV	MM	2.76	2.69	2.57	2.86	2.61	2.76
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	25	21	21	21	21
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	162	180	161	165	167	158
FILTER RTD	MM H2O	72	64	49	66	109	63
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	29	25	25	25	25
TIPPING PAPER TYPE		IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE		EPZ		EPZ	EPZ		EPZ
TIPPING,PERFO. LINES	NO.					LPM 1	

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CLUB	ERTE 23	+EVE 120 LIGHTS	+F 6	+F6 100'S	GAULOISES BLONDES
DB, GERM. WEST	PROD. CENTERS OR MANUFACTURER	REYNOLDS	REEMTSMA	MB BERLIN	DRESDEN	DRESDEN	BAT DB
	CIGARETTE CODE	CUBAC	ERBAC	EVL02	FFF01	PFG01	GRAJC
	SIZE/MB PER PACK	KS F/20	KS F/19	120 F/19	LS F/20	100 F/19	KS F/19
	SAMPLING CODE	B 00 3	B 01 2	A 00 4	A 00 4	A 00 3	B 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	18.7	14.2	10.9	22.7	17.5	17.4
DPM DRY. PARTIC. MATTER	MG/CIG	15.5	12.7	10.3	19.4	15.7	14.0
TAR (=TPM-SN-H2O)	MG/CIG	14.6	11.9	9.7	18.3	14.6	13.1
SN SMOKE NICOTINE	MG/CIG	0.95	0.76	0.64	1.10	1.11	0.90
RATIO SN/TAR	%	6.6	6.4	6.6	6.0	7.6	6.9
PUFF COUNT	NO./CIG	8.2	8.1	9.5	8.7	9.8	7.7
CO CARBON MONOXIDE	MG/CIG	15.1	12.7		16.4		14.7
NO NITROGEN MONOXIDE	MG/CIG	0.28	0.15		0.11		0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.77	1.46	0.70	1.56	1.49	1.66
REDUCING SUGARS	%	8.0	11.0	6.5	9.4	13.2	8.4
NITRATE NITROGEN	%	0.24	0.19	0.10	0.10	0.09	0.26
AMMONIA NITROGEN	%	0.17	0.12	0.12	0.07	0.06	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	762	761	750	873	912	777
DENSITY AT 12.5 % OV	MG/ML	244	245	244	257	251	246
OV AT EQUILIBRIUM	%	12.3	12.8	12.5	14.1	11.7	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	970	972	1018	1035	1143	991
CIG. LENGTH, TOTAL	MM	84	84	120	80	100	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.94/24.9	6.81/21.3	7.98/25.0	7.85/24.6	7.93/24.9
CIG. RTD	MM H2O	113	98	123	81	91	118
CIG. VENTILATION	%		20	33		14	
FIRMNESS AS IS	MM	3.30	3.33				2.93
OVEN VOLATILES AS IS	%	13.3	13.4				12.9
FIRMNESS AT 12.5 % OV	MM	3.00	2.97				2.79
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	35	12	25	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	163	158	217	93	188	157
FILTER RTD	MM H2O	69	59	64	37	54	61
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	40	16	29	24
TIPPING PAPER TYPE		IC	IC	WHD	IC	ICD	IC
TIPPING PERFO. TYPE			EPZ	EPZ		EPZ	
TIPPING,PERFO. LINES	NO.						

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	GOLDEN AMERICAN	GOLDEN AMERICAN 100'S	HB	HB LIGHTS	+JUWEL	+JUWEL 72
DB GERM. WEST	PROD. CENTERS OR MANUFACTURER	TURMAC INT	BRINKMANN	BAT DB	BAT DB	DRESDEN	DRESDEN
	CIGARETTE CODE	GNXBC	GOHAC	HBKAC	HBKAC	JUW10	JUV01
	SIZE/NB PER PACK	KS F/25	100 F/19	KS F/19	KS F/19	LS F/19	KS F/
	SAMPLING CODE	B 00 4	B 03 1	A 00 4	B 03 1	A 00 4	A 00 3
S M O K E							
TPM TOT.PARTIC.MATTER	MG/CIG	17.6	17.1	14.9	6.5	22.2	18.2
DPM DRY.PARTIC.MATTER	MG/CIG	15.0	15.2	13.3	6.0	18.9	15.2
TAR (=TPM-SN-H2O)	MG/CIG	14.1	14.2	12.5	5.5	17.8	14.2
SN SMOKE NICOTINE	MG/CIG	0.97	1.04	0.79	0.47	1.12	0.97
RATIO SN/TAR	%	6.9	7.3	6.4	8.5	6.3	6.8
PUFF COUNT	NO./CIG	7.9	9.6	8.3	8.1	8.3	7.7
CO CARBON MONOXIDE	MG/CIG	13.4		13.2		16.1	
NO NITROGEN MONOXIDE	MG/CIG	0.17		0.15		0.19	
F I L L E R							
ALKALOIDS, TOTAL	%	1.62	1.69	1.62	1.84	1.69	1.02
REDUCING SUGARS	%	10.1	9.5	8.4	8.0	6.8	4.6
NITRATE NITROGEN	%	0.20	0.22	0.20	0.33	0.17	0.07
AMMONIA NITROGEN	%	0.12	0.13	0.14	0.20	0.15	0.05
TOB. WT. AT 12.5 % OV	MG/CIG	747	882	757	705	840	754
DENSITY AT 12.5 % OV	MG/ML	244	241	240	224	247	244
OV AT EQUILIBRIUM	%	12.6	12.7	12.7	13.0	13.3	13.0
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	965	1147	972	934	991	976
CIG. LENGTH, TOTAL	MM	84	100	84	84	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.89/24.7	7.98/25.0	7.98/25.0	7.98/25.0	7.90/24.8
CIG. RTD	MM H2O	101	123	90	90	81	100
CIG. VENTILATION	%			23	51		
FIRMNESS AS IS	MM	3.28		3.07			
OVEN VOLATILES AS IS	%	13.5		13.2			
FIRMNESS AT 12.5 % OV	MM	2.89		2.80			
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE	S	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	25	21	21	12	21
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	168	205	161	174	94	171
FILTER RTD	MM H2O	50	62	57	87	39	55
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	26	29	25	25	16	25
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE				EPZ	MLPS		
TIPPING, PERFO. LINES	NO.				4		

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+ PME Brand () Converted values = PME specifications * Comments

2500077835

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+KARO	+KARO	KIM	+L & M	+L & M	+L & M
DB GERM. WEST	PROD. CENTERS OR MANUFACTURER	DRESDEN	DRESDEN	BAT DB	MUNICH	BERLIN	MUNICH
	CIGARETTE CODE	KAF01	KAR02	KIHAC	LMF04	LMK07	LMK07
	SIZE/NE PER PACK	KS F/	REG N/19	100 F/19	KS F/19	KS F/19	KS F/20
	SAMPLING CODE	A 00 2	A 00 4	B 00 2	A 00 3	A 00 4	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.9	20.3	8.6	16.8	15.2	15.5
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	17.8	8.0	14.4	13.2	13.3
TAR (=TPM-SN-H2O)	MG/CIG	14.5	16.3	7.5	13.4	12.3	12.4
SN SMOKE NICOTINE	MG/CIG	1.06	1.46	0.52	0.94	0.84	0.88
RATIO SN/TAR	%	7.3	8.9	7.0	7.1	6.9	7.1
PUFF COUNT	NO./CIG	8.6	6.8	8.4	8.3	8.2	8.3
CO CARBON MONOXIDE	MG/CIG	14.4	12.7	8.8	14.0	12.2	
NO NITROGEN MONOXIDE	MG/CIG	0.39	0.41	0.09	0.16	0.15	

F I L L E R

ALKALOIDS, TOTAL	%	1.81	2.11	1.32	1.85	1.67	1.71
REDUCING SUGARS	%	9.9	1.6	10.2	8.2	6.3	8.4
NITRATE NITROGEN	%	0.14	0.47	0.18	0.18	0.17	0.18
AMMONIA NITROGEN	%	0.20	0.45	0.15	0.19	0.17	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	797	913	713	751	731	737
DENSITY AT 12.5 % OV	MG/ML	259	255	239	243	240	242
OV AT EQUILIBRIUM	%	13.3	11.7	12.8	13.9	13.5	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1012	956	945	969	946	948
CIG. LENGTH, TOTAL	MM	84	72	94	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.97/25.0	7.41/23.2	7.90/24.8	7.84/24.6	7.85/24.6
CIG. RTD	MM H2O	106	50	125	102	100	101
CIG. VENTILATION	%	13		32	14	19	19
FIRMNESS AS IS	MM			2.52	2.86	2.94	2.94
OVEN VOLATILES AS IS	%			11.1	12.8	12.7	12.8
FIRMNESS AT 12.5 % OV	MM			3.08	2.74	2.86	2.82
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S		S	S	S	S
FM FILTER MATERIAL	CA		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	21	21	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	166	181	162	161	158
FILTER RTD	MM H2O	70	100	62	64	62
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	28	25	25	25
TIPPING PAPER TYPE	IC		WHD	IC	IC	IC
TIPPING PERFO. TYPE	EPZ		EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.					

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+ PME Brand () Converted values = PME specifications * Comments

2500077836

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+L & M LIGHTS	+L & M 100 S	LORD EXTRA	LUCKY STRIKE	+MARLBORO KING SIZE	+MARLBORO KING SIZE
DB, GERM. WEST	PROD. CENTERS OR MANUFACTURER	MUNICH	BERLIN	BRINKMANN	BAT DB	BERLIN	MUNICH
	CIGARETTE CODE	LMD01	LMX01	LDBAC	LSBBC	MLK37	MLK37
	SIZE/NB PER PACK	KS F/19	100 F/19	KS F/19	KS F/19	KS F/20	KS F/19
	SAMPLING CODE	A 00 3	A 00 4	A 00 4	B 00 4	A 00 4	A 01 3

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	6.0	12.2	9.3	15.2	16.0	15.9
DPM DRY. PARTIC. MATTER	MG/CIG	5.3	11.0	8.5	13.2	13.8	13.8
TAR (=TPM-SM-H2O)	MG/CIG	4.9	10.2	8.0	12.3	12.9	12.9
SN SMOKE NICOTINE	MG/CIG	0.44	0.75	0.58	0.90	0.91	0.91
RATIO SN/TAR	%	9.0	7.3	7.3	7.4	7.1	7.1
PUFF COUNT	NO./CIG	8.2	10.3	8.7	8.1	8.2	8.6
CO CARBON MONOXIDE	MG/CIG	5.8	11.6	10.5	14.2	13.2	
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.14	0.12	0.18	0.18	

F I L L E R

ALKALOIDS, TOTAL	%	2.12	1.70	1.14	1.86	1.85	1.78
REDUCING SUGARS	%	9.1	5.3	11.1	8.9	6.6	4.3
NITRATE NITROGEN	%	0.16	0.17	0.18	0.21	0.20	0.20
AMMONIA NITROGEN	%	0.13	0.17	0.11	0.18	0.18	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	650	867	762	767	766	772
DENSITY AT 12.5 % OV	MG/ML	225	239	248	245	249	251
OV AT EQUILIBRIUM	%	13.3	13.3	12.5	12.5	13.4	13.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	921	1127	980	980	986	996
CIG. LENGTH, TOTAL	MM	84	100	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.85/24.6	7.94/24.9	7.95/24.9	7.90/24.8	7.88/24.7
CIG. RTD	MM H2O	111	119	108	114	96	102
CIG. VENTILATION	%	49	30	34	14	16	16
FIRMNESS AS IS	MM	2.89	2.92	2.94	3.33	2.82	2.89
OVEN VOLATILES AS IS	%	12.8	12.8	12.9	13.3	12.4	12.4
FIRMNESS AT 12.5 % OV	MM	2.77	2.82	2.77	3.03	2.85	2.95
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	22	21	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	214	197	171	164	160
FILTER RTD	MM H2O	120	93	86	73	63
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	29	25	25	25
TIPPING PAPER TYPE	ICWHD	ICD	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.					

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS	+MARLBORO MENTHOL	+MARLBORO MENTHOL
DB GERM. WEST	PROD. CENTERS OR MANUFACTURER	BERLIN	BERLIN	MUNICH	MUNICH	BERLIN	MUNICH
	CIGARETTE CODE	MHL01	MLX12	MLX12	MLI01	MLN05	MLN05
	SIZE/NB PER PACK	100 F/19	KS F/19	KS F/19	KS F/19	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 3	A 02 1	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	7.7	5.8	6.2	6.6	16.4	16.8
DPM DRY.PARTIC.MATTER	MG/CIG	7.1	5.3	5.6	6.1	14.3	14.6
TAR (=TPM-SN-H2O)	MG/CIG	6.6	4.9	5.2	5.6	13.4	13.7
SN SMOKE NICOTINE	MG/CIG	0.57	0.42	0.46	0.47	0.90	0.93
RATIO SN/TAR	%	8.7	8.7	8.9	8.3	6.7	6.8
PUFF COUNT	NO./CIG	10.1	7.9	8.0	8.1	8.3	8.4
CO CARBON MONOXIDE	MG/CIG	7.3	5.6		6.0	13.2	12.8
NO NITROGEN MONOXIDE	MG/CIG	0.09	0.07		0.08	0.18	0.18

F I L L E R

ALKALOIDS, TOTAL	%	2.03	2.12	1.04	2.19	1.86	1.80
REDUCING SUGARS	%	6.8	7.0	4.8	9.6	8.7	7.0
NITRATE NITROGEN	%	0.18	0.14	0.08	0.13	0.20	0.20
AMMONIA NITROGEN	%	0.15	0.13	0.15	0.12	0.17	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	816	649		657	768	773
DENSITY AT 12.5 % OV	MG/ML	226	225		230	249	250
OV AT EQUILIBRIUM	%	13.2	13.3	13.8	13.5	13.9	13.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1094	924		932	989	995
CIG. LENGTH, TOTAL	MM	100	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.83/24.5	7.89/24.7	7.90/24.8	7.86/24.6	7.90/24.8	7.90/24.8
CIG. RTD	MM H2O	114	111	113	118	99	103
CIG. VENTILATION	%	50	50	49	48	16	15
FIRMNESS AS IS	MM	2.93	2.65		2.75	2.94	2.91
OVEN VOLATILES AS IS	%	11.9	12.4		12.6	13.1	12.9
FIRMNESS AT 12.5 % OV	MM	3.17	2.69		2.71	2.72	2.77
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
PM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	25	25	21	21
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	213	219	215	216	159	161
FILTER RTD	MM H2O	112	121	116	119	64	65
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	32	32	25	25
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	WHDL	IC	IC
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	MLPS	EPZ	EPZ
TIPPING, PERFO. LINES	NO.				4		

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+ PME Brand () Converted values = PME specifications * Comments

2500077838

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO 100'S	+MERIT	+MULTI DE LUXE MUNICH	PALL MALL	+PARLIAMENT LIGHTS 100'S	PETER STUYVESANT
DB GERM. WEST	PROD. CENTERS OR MANUFACTURER	BERLIN	MUNICH		BAT DB	MUNICH	REEMTSMA
	CIGARETTE CODE	MHC09	MER14	MPI04	PBLAC	PLC01	PSKBC
	SIZE/NO PER PACK	100 F/19	KS F/20	100 F/19	KS F/19	100 F/19	KS F/19
	SAMPLING CODE	A 00 4	A 00 3	B 01 2	B 00 2	A 00 3	B 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	16.6	8.1	11.1	16.5	11.4	14.6
DPM DRY. PARTIC. MATTER	MG/CIG	14.7	7.2	10.0	14.2	10.1	12.9
TAR (=TPM-SN-H2O)	MG/CIG	13.7	6.7	9.3	13.3	9.4	12.1
SN SMOKE NICOTINE	MG/CIG	1.02	0.52	0.75	0.94	0.74	0.83
RATIO SN/TAR	%	7.4	7.8	8.1	7.1	7.9	6.9
PUFF COUNT	NO./CIG	10.1	7.9	10.4	8.1	9.0	8.0
CO CARBON MONOXIDE	MG/CIG	14.6	8.9	11.0		9.2	13.1
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.15	0.10		0.16	0.13

F I L L E R

ALKALOIDS, TOTAL	%	1.86	1.84	1.60	1.87	1.78	1.65
REDUCING SUGARS	%	6.5	7.9	11.5	9.6	8.4	10.4
NITRATE NITROGEN	%	0.21	0.25	0.13	0.19	0.21	0.17
AMMONIA NITROGEN	%	0.17	0.19	0.09	0.17	0.28	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	899	694	824	748	903	755
DENSITY AT 12.5 % OV	MG/ML	249	241	228	240	249	241
OV AT EQUILIBRIUM	%	13.4	13.9	12.8	13.0	13.6	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1165	969	1145	968	1273	960
CIG. LENGTH, TOTAL	MM	100	84	99	84	100	84
CIG. DIAMETER/CIRCUMFER.	MM	7.84/24.6	7.90/24.8	7.87/24.7	7.94/24.9	7.85/24.6	7.96/24.9
CIG. RTD	MM H2O	106	121	120	113	104	100
CIG. VENTILATION	%	22	35	33	14	38	18
FIRMNESS AS IS	MM		2.59		3.02	2.75	3.24
OVEN VOLATILES AS IS	%		12.5		13.2	12.6	13.3
FIRMNESS AT 12.5 % OV	MM		2.61		2.74	2.71	2.92
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	D	S	DWR	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	25	21	25	21
FILTER-LENGTH PLUG 1	MM			13.0		10.0	
FILTER-LENGTH PLUG 2	MM			12.0		10.0	
FILTER-LENGTH PLUG 3	MM						
FA FIL. ADDITIVE TYPE				AC		AC	
FILTER WEIGHT	MG/FIL	198	211	268	162	298	157
FILTER RTD	MM H2O	74	114	90	71	82	59
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	32	29	25	36	25
TIPPING PAPER TYPE	ICD		ICWHDL	WHGRD	IC	WHDL	IC
TIPPING PERFO. TYPE	EPZ		EPZ	MLPS	EPZ	MLPM	EPZ
TIPPING, PERFO. LINES	NO.			4		1	

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+ PME Brand () Converted values = PME specifications * Comments

2500077839

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS LIGHT BERLIN	+PHILIP MORRIS ULTRA MUNICH	PRINCE OF DENMARK	R 1	R6	WEST
DE-GERM. WEST	PROD. CENTERS OR MANUFACTURER			SKANDIN.T.	REEMTSMA	REEMTSMA	REEMTSMA
	CIGARETTE CODE	PMT02	PMU05	PRDAC	RMEAC	RMRAE	WSTAC
	SIZE/MB PER PACK	KS F/19	KS F/20	KS F/19	KS F/19	KS F/19	KS F/19
	SAMPLING CODE	A 00 4	A 00 4	B 02 2	B 00 3	B 01 2	B 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.3	2.6	17.7	2.8	4.7	15.0
DPM DRY.PARTIC.MATTER	MG/CIG	4.0	2.4	15.0	2.6	4.3	13.2
TAR (=TPM-SN-H2O)	MG/CIG	3.7	2.2	13.9	2.4	4.0	12.4
SN SMOKE NICOTINE	MG/CIG	0.31	0.23	1.08	0.25	0.34	0.86
RATIO SN/TAR	%	8.6	11.0	7.8	10.7	8.6	7.0
PUFF COUNT	NO./CIG	8.2	7.8	8.6	7.5	8.2	8.2
CO CARBON MONOXIDE	MG/CIG	4.4	2.6	13.2	3.9	5.2	13.0
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.04	0.17	0.05	0.07	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.08	2.75	2.30	2.58	0.84	1.68
REDUCING SUGARS	%	6.9	9.1	6.6	9.8	10.5	9.8
NITRATE NITROGEN	%	0.15	0.14	0.20	0.16	0.18	0.17
AMMONIA NITROGEN	%	0.13	0.14	0.12	0.13	0.13	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	649	618	782	574	679	740
DENSITY AT 12.5 % OV	MG/ML	225	214	245	196	233	238
OV AT EQUILIBRIUM	%	13.3	12.5	13.3	12.9	12.7	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	921	897	999	850	919	942
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.89/24.7	7.96/24.9	7.94/24.9	7.94/24.9	7.93/24.9
CIG. RTD	MM H2O	100	74	102	72	97	101
CIG. VENTILATION	%	60	68	11	61	53	18
FIRMNESS AS IS	MM	2.74	2.65	2.93	3.07	2.94	3.14
OVEN VOLATILES AS IS	%	12.8	11.8	12.1	12.5	12.9	13.2
FIRMNESS AT 12.5 % OV	MM	2.62	2.95	3.09	3.09	2.80	2.88
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	D	S	D	S	S
FM FILTER MATERIAL		CA	CAP	CA	CAP	CA	CA
FILTER LENGTH,TOTAL	MM	25	25	20	25	25	21
FILTER-LENGTH PLUG 1	MM		16.0		13.0		
FILTER-LENGTH PLUG 2	MM		9.0		12.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	217	226	162	228	192	158
FILTER RTD	MM H2O	118	108	63	117	100	59
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	24	29	29	25
TIPPING PAPER TYPE		ICWHDL	ICWHDL	IC	ICWHDL	ICWHD	IC
TIPPING PERFO. TYPE		MLPS	MLPS	EPZ	MLPS	MLPS	EPZ
TIPPING,PERFO. LINES	NO.	6	5		4	4	

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+ PME Brand () Converted values = PME specifications * Comments

2500077840

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WEST LIGHTS	WEST 100
DB GERM. WEST	PROD. CENTERS OR MANUFACTURER	REEMTSMA	REEMTSMA
	CIGARETTE CODE	WSXAC	WSSAC
	SIZE/NB PER PACK	KS F/19	100 F/19
	SAMPLING CODE	B 01 2	B 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	7.9	16.5
DPM DRY. PARTIC. MATTER	MG/CIG	7.1	14.8
TAR (=TPM-SN-H2O)	MG/CIG	6.6	13.8
SN SMOKE NICOTINE	MG/CIG	0.53	0.98
RATIO SN/TAR	%	8.1	7.1
PUFF COUNT	NO./CIG	7.1	9.9
CO CARBON MONOXIDE	MG/CIG	6.4	16.0
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.13

F I L L E R

ALKALOIDS, TOTAL	%	1.73	1.74
REDUCING SUGARS	%	9.0	10.4
NITRATE NITROGEN	%	0.22	0.16
AMMONIA NITROGEN	%	0.10	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	624	874
DENSITY AT 12.5 % OV	MG/ML	212	234
OV AT EQUILIBRIUM	%	13.2	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	856	1124
CIG. LENGTH, TOTAL	MM	84	100
CIG. DIAMETER/CIRCUMFER.	MM	7.98/25.0	7.96/24.9
CIG. RTD	MM H2O	75	121
CIG. VENTILATION	%	41	13
FIRMNESS AS IS	MM	3.03	3.09
OVEN VOLATILES AS IS	%	13.1	12.6
FIRMNESS AT 12.5 % OV	MM	2.79	3.05
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH, TOTAL	MM	25	25
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL. ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	180	191
FILTER RTD	MM H2O	66	74
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	29	29
TIPPING PAPER TYPE		ICWHL	IC
TIPPING PERFO. TYPE		MLPS	
TIPPING, PERFO. LINES	NO.	4	

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2500077841

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+L & M	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO 100'S	+MARLBORO 100'S
GR GREECE	PROD. CENTERS OR MANUFACTURER	MUNICH	PAP PIREUS	MUNICH	PAP PIREUS	MUNICH	PAP PIREUS
	CIGARETTE CODE	LMY01	MLK02	MHX12	MLX06	MHC06	MHC11
	SIZE/NE PER PACK	KS F/25	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 1	A 00 3	A 00 4	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.1	18.0	11.7	9.4	18.3	18.5
DPM DRY.PARTIC.MATTER	MG/CIG	14.7	15.4	10.5	8.5	16.0	16.2
TAR (=TPM-SN-H2O)	MG/CIG	13.7	14.5*	9.8	7.9	15.0	15.1
SN SMOKE NICOTINE	MG/CIG	0.97	0.95	0.75	0.61	1.06	1.08
RATIO SN/TAR	%	7.1	6.5	7.7	7.8	7.1	7.1
PUFF COUNT	NO./CIG	8.3	8.3	10.1	7.3	10.3	9.7
CO CARBON MONOXIDE	MG/CIG	13.8	12.8	11.5	8.2	14.9	13.9
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.17	0.17	0.12	0.21	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.81	1.77	1.19	1.87	1.81	1.84
REDUCING SUGARS	%	6.5	7.8	5.3	8.1	6.3	7.8
NITRATE NITROGEN	%	0.17	0.20	0.17	0.21	0.23	0.21
AMMONIA NITROGEN	%	0.17	0.24	0.25	0.23	0.26	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	751	759	879	695	886	881
DENSITY AT 12.5 % OV	MG/ML	243	241	250	238	249	244
OV AT EQUILIBRIUM	%	13.5	13.8	13.8	13.2	13.7	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	970	975	1151	962	1151	1137
CIG. LENGTH, TOTAL	MM	84	84	98	84	99	99
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.91/24.8	7.87/24.7	7.94/24.9	7.85/24.6	7.89/24.7
CIG. RTD	MM H2O	102	112	115	114	112	111
CIG. VENTILATION	%	13	14*	35	31	18	20
FIRMNESS AS IS	MM	2.84	2.79	2.84	2.78	2.85	2.63
OVEN VOLATILES AS IS	%	12.6	12.4	12.6	12.5	12.3	12.1
FIRMNESS AT 12.5 % OV	MM	2.81	2.84	2.82	2.80	2.94	2.79
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	20	25	25	25	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	158	153	199	207	199	187
FILTER RTD	MM H2O	63	62	97	94	72	64
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	24	32	32	29	29
TIPPING PAPER TYPE		IC	IC	ICWHDL	ICWHDL	ICD	ICD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI	+PHILIP
		AMBASSADOR	MORRIS
GR GREECE	PROD. CENTERS OR MANUFACTURER	IXELLES	SUPER L. BERGEN OZ
	CIGARETTE CODE	MAJ03	PMS06
	SIZE/NB PER PACK	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	10.4	4.4
DPM DRY. PARTIC. MATTER	MG/CIG	9.5	4.1
TAR (=TPM-SN-H2O)	MG/CIG	8.9	3.8
SN SMOKE NICOTINE	MG/CIG	0.66	0.31
RATIO SN/TAR	%	7.5	8.1
PUFF COUNT	NO./CIG	7.9	7.6
CO CARBON MONOXIDE	MG/CIG	9.6	4.0
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.65	2.07
REDUCING SUGARS	%	10.9	8.5
NITRATE NITROGEN	%	0.13	0.18
AMMONIA NITROGEN	%	0.08	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	702	656
DENSITY AT 12.5 % OV	MG/ML	228	226
OV AT EQUILIBRIUM	%	12.7	13.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	998	930
CIG. LENGTH, TOTAL	MM	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.92/24.8
CIG. RTD	MM H2O	104	101
CIG. VENTILATION	%	36	64
FIRMNESS AS IS	MM	2.28	2.71
OVEN VOLATILES AS IS	%	11.6	12.7
FIRMNESS AT 12.5 % OV	MM	2.64	2.64
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		D	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH, TOTAL	MM	21	25
FILTER-LENGTH PLUG 1	MM	8.0	
FILTER-LENGTH PLUG 2	MM	13.0	
FILTER-LENGTH PLUG 3	MM		
FA FIL. ADDITIVE TYPE		AC	
FILTER WEIGHT	MG/FIL	244	212
FILTER RTD	MM H2O	78	118
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	25	32
TIPPING PAPER TYPE		WHGRD	ICWHDL
TIPPING PERFO. TYPE		MLPS	MLPS
TIPPING, PERFO. LINES	NO.	2	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CONGRESS	+L & M
GA GUINEA	PROD. CENTERS OR MANUFACTURER	CURITIBA	CURITIBA
	CIGARETTE CODE	COM01	LMN03
	SIZE/NB PER PACK	LS F/20	LS F/20
	SAMPLING CODE	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.6	18.5
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	15.6
TAR (=TPM-SN-H2O)	MG/CIG	14.7	14.7
SN SMOKE NICOTINE	MG/CIG	0.92	0.95
RATIO SN/TAR	%	6.3	6.5
PUFF COUNT	NO./CIG	7.7	7.6
CO CARBON MONOXIDE	MG/CIG	15.6	15.4
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.59	1.67
REDUCING SUGARS	%	9.8	9.6
NITRATE NITROGEN	%	0.19	0.20
AMMONIA NITROGEN	%	0.23	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	718	721
DENSITY AT 12.5 % OV	MG/ML	248	251
OV AT EQUILIBRIUM	%	12.8	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	922	924
CIG. LENGTH, TOTAL	MM	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5	7.82/24.5
CIG. RTD	MM H2O	111	111
CIG. VENTILATION	%	9	9
FIRMNESS AS IS	MM	2.75	2.66
OVEN VOLATILES AS IS	%	12.6	12.2
FIRMNESS AT 12.5 % OV	MM	2.73	2.78
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE	S	S
FM FILTER MATERIAL	CA	CA
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	152
FILTER RTD	MM H2O	65
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE	IC	IC
TIPPING PERFO. TYPE	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO 100'S	+MULTI- FILTER 100'S	+MULTI- FILTER
HU HUNGARY	PROD. CENTERS OR MANUFACTURER	EGER	SERRIERES	EGER	EGER	EGER	EGER
	CIGARETTE CODE	MLK51	MBX13	MLL14	MLG04	MPH19	MPM01
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4	A 03 1	A 00 4	A 00 1	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	20.8	10.5	12.8	18.4	14.6	14.3
DPM DRY.PARTIC.MATTER	MG/CIG	17.3	9.6	11.7	16.5	13.5	12.7
TAR (=TPM-SN-H2O)	MG/CIG	16.4	8.9	10.9	15.5	12.7*	11.9
SN SMOKE NICOTINE	MG/CIG	1.01	0.68	0.80	1.02	0.79*	0.73
RATIO SN/TAR	%	6.2	7.7	7.4	6.6	6.3	6.1
PUFF COUNT	NO./CIG	8.5	9.6	8.7	10.4	9.3*	8.0
CO CARBON MONOXIDE	MG/CIG	16.2	9.3	7.5	14.6	15.0	15.0
NO NITROGEN MONOXIDE	MG/CIG	0.25	0.14	0.14	0.23	0.15	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.75	1.74	1.82	1.75	1.36	1.39
REDUCING SUGARS	%	7.8	7.6	6.5	7.9	9.8	10.5
NITRATE NITROGEN	%	0.23	0.20	0.24	0.23	0.17	0.17
AMMONIA NITROGEN	%	0.22	0.26	0.26	0.22	0.12	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	810	828	872	943	887	795
DENSITY AT 12.5 % OV	MG/ML	259	239	277	259	243	253
OV AT EQUILIBRIUM	%	13.0	13.3	12.6	12.7	12.3	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1024	1108	1095	1200	1210	1089
CIG. LENGTH, TOTAL	MM	84	99	84	99	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.88/24.7	7.91/24.8	7.91/24.8	7.92/24.8	7.91/24.8
CIG. RTD	MM H2O	122	113	96	129	136	140
CIG. VENTILATION	%		35	36	11	11	
FIRMNESS AS IS	MM	2.58	2.99	2.76	2.30	2.25	2.21
OVEN VOLATILES AS IS	%	11.6	12.6	11.8	11.5	10.8	10.4
FIRMNESS AT 12.5 % OV	MM	2.94	2.94	3.06	2.73	2.94	3.04
CIG. PAP. VENTIL. SYST.			EP				

F I L T E R

FILTER TYPE		S	S	S	S	D	D
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	28	20	25	25	20
FILTER-LENGTH PLUG 1	MM					12.0	10.0
FILTER-LENGTH PLUG 2	MM					13.0	10.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE						AC	AC
FILTER WEIGHT	MG/FIL	160	214	162	197	268	247
FILTER RTD	MM H2O	68	99	67	81	82	80
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	24	32	32	29	29	24
TIPPING PAPER TYPE	IC		ICWHD	ICWHD	ICD	WNGRD	WNGRD
TIPPING PERFO. TYPE			EP2	EP2	EP2	EP2	
TIPPING, PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI
HU HUNGARY	PROD. CENTERS OR MANUFACTURER	AMBASSADOR KING SIZE SERRIERES
	CIGARETTE CODE	MAK05
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.5
DPM DRY.PARTIC.MATTER	MG/CIG	8.9
TAR (=TPM-SN-H2O)	MG/CIG	8.2*
SN SMOKE NICOTINE	MG/CIG	0.70*
RATIO SN/TAR	%	8.6
PUFF COUNT	NO./CIG	8.4
CO CARBON MONOXIDE	MG/CIG	7.9
NO NITROGEN MONOXIDE	MG/CIG	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.74
REDUCING SUGARS	%	11.0
NITRATE NITROGEN	%	0.14
AMMONIA NITROGEN	%	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	717
DENSITY AT 12.5 % OV	MG/ML	231
OV AT EQUILIBRIUM	%	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1009
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9
CIG. RTD	MM H2O	102*
CIG. VENTILATION	%	44*
FIRMNESS AS IS	MM	2.66
OVEN VOLATILES AS IS	%	11.7
FIRMNESS AT 12.5 % OV	MM	2.99
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	D
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21
FILTER-LENGTH PLUG 1	MM 9.0
FILTER-LENGTH PLUG 2	MM 12.0
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	AC
FILTER WEIGHT	MG/FIL 245
FILTER RTD	MM H2O 77
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	WHGRD
TIPPING PERFO. TYPE	MLPS
TIPPING, PERFO. LINES	NO. 4*

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+RAFFLES
		100'S
EI IRELAND	PROD. CENTERS OR MANUFACTURER	CARROLL
	CIGARETTE CODE	RAH05
	SIZE/MS PER PACK	100 F/10
	SAMPLING CODE	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	14.3
DEPM DRY.PARTIC.MATTER	MG/CIG	13.0
TAR (=TPM-SN-H2O)	MG/CIG	12.0*
SN SMOKE NICOTINE	MG/CIG	1.09*
RATIO SN/TAR	%	9.2
PUFF COUNT	NO./CIG	9.2*
CO CARBON MONOXIDE	MG/CIG	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.07

F I L L E R

ALKALOIDS, TOTAL	%	2.28
REDUCING SUGARS	%	12.6
NITRATE NITROGEN	%	0.08
AMMONIA NITROGEN	%	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	869
DENSITY AT 12.5 % OV	MG/ML	237
OV AT EQUILIBRIUM	%	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1124
CIG. LENGTH, TOTAL	MM	100
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9
CIG. RTD	MM H2O	131
CIG. VENTILATION	%	13
FIRMNESS AS IS	MM	2.33
OVEN VOLATILES AS IS	%	11.4
FIRMNESS AT 12.5 % OV	MM	2.80
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 26
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 198
FILTER RTD	MM H2O 87
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 30
TIPPING PAPER TYPE	ICD
TIPPING PERFO. TYPE	EPZ
TIPPING, PERFO. LINES	NO.

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL
IL ISRAEL	PROD. CENTERS OR MANUFACTURER	REYNOLDS
	CIGARETTE CODE	CAKOC
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.8
DPM DRY.PARTIC.MATTER	MG/CIG	15.5
TAR (=TPM-SN-H2O)	MG/CIG	14.6
SN SMOKE NICOTINE	MG/CIG	0.90
RATIO SN/TAR	%	6.2
PUFF COUNT	NO./CIG	6.9
CO CARBON MONOXIDE	MG/CIG	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.27

F I L L E R

ALKALOIDS, TOTAL	%	1.80
REDUCING SUGARS	%	7.0
NITRATE NITROGEN	%	0.27
AMMONIA NITROGEN	%	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	695
DENSITY AT 12.5 % OV	MG/ML	225
OV AT EQUILIBRIUM	%	11.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	910
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	118
CIG. VENTILATION	%	
FIRMNESS AS IS	MM	2.22
OVEN VOLATILES AS IS	%	11.7
FIRMNESS AT 12.5 % OV	MM	2.53
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 169
FILTER RTD	MM H2O 58
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	
TIPPING, PERFO. LINES	NO.

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+ PME Brand (.) Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL	CAMEL EXTRA LIGHTS	CAMEL LIGHTS	CAMEL LIGHTS 100'S	CAMEL NON FILTER	CAPRI
IT ITALY	PROD. CENTERS OR MANUFACTURER	REYNOLDS	REYNOLDS	REYNOLDS	REYNOLDS	REYNOLDS	BAT DB
	CIGARETTE CODE	CAKIC	CCDAC	CACBC	CBKAC	CASBC	CPIDC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	100 F/20	REG N/20	100 F/20
	SAMPLING CODE	B 00 4	B 00 4	B 00 4	B 00 4	B 01 2	B 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	16.9	4.4	10.7	11.6	21.9	10.7
DPM DRY. PARTIC. MATTER	MG/CIG	15.0	4.1	9.7	10.7	19.3	9.5
TAR (=TPM-SN-H2O)	MG/CIG	14.0	3.7	8.9	9.9	18.1	8.8
SN SMOKE NICOTINE	MG/CIG	1.03	0.36	0.75	0.83	1.20	0.70
RATIO SN/TAR	%	7.4	9.7	8.3	8.4	6.6	7.9
PUFF COUNT	NO./CIG	8.4	8.6	7.7	9.2	6.7	8.3
CO CARBON MONOXIDE	MG/CIG	13.1	4.2	8.6	9.7	10.1	6.7
NO NITROGEN MONOXIDE	MG/CIG	0.23	0.08	0.15	0.16	0.18	0.09

F I L L E R

ALKALOIDS, TOTAL	%	1.97	1.92	1.93	1.92	1.96	1.93
REDUCING SUGARS	%	7.6	9.5	8.0	8.0	9.1	7.5
NITRATE NITROGEN	%	0.27	0.24	0.27	0.27	0.24	0.19
AMMONIA NITROGEN	%	0.16	0.13	0.20	0.20	0.14	0.25
TOB. WT. AT 12.5 % OV	MG/CIG	764	731	721	867	853	444
DENSITY AT 12.5 % OV	MG/ML	245	234	231	234	242	276
OV AT EQUILIBRIUM	%	12.7	12.4	12.4	12.3	12.8	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	985	951	942	1130	907	598
CIG. LENGTH, TOTAL	MM	84	84	84	100	70	97
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.94/24.9	7.94/24.9	7.95/24.9	8.05/25.2	5.41/16.9
CIG. RTD	MM H2O	103	96	99	102	48	147
CIG. VENTILATION	%	17	66	35	34		51
FIRMNESS AS IS	MM	3.21	2.97	3.15	3.21	2.74	2.32
OVEN VOLATILES AS IS	%	12.9	13.2	13.0	12.9	13.1	12.8
FIRMNESS AT 12.5 % OV	MM	3.04	2.69	2.95	3.06	2.52	2.21
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	21	21	25	27
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	167	169	169	198	111
FILTER RTD	MM H2O	67	104	83	84	101
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	25	25	30	32
TIPPING PAPER TYPE		IC	IC	IC	ICD	WHDL
TIPPING PERFO. TYPE		EPZ	MLPM	MLPM	MLPM	MLPS
TIPPING, PERFO. LINES	NO.	1	1	1	1	2

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAPRI MENTHOL	CAPRI SUPER- LEGGERA	CARTIER LUXURY MILD	CARTIER VENDOME	+CHESTER- FIELD	+CHESTER- FIELD LIGHTS
IT-ITALY	PROD. CENTERS OR MANUFACTURER	BAT DB	BAT DB	ROTHMANS	ROTHMANS	MUNICH	MUNICH
	CIGARETTE CODE	CPHAC	CPKAC	CAIAC	CBCAC	CEG04	CEN03
	SIZE/NB PER PACK	100 F/20	100 F/20	100 F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 2	B 00 4	B 01 1	B 00 4	A 00 4	A 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.1	4.1	12.6	8.0	17.3	9.0
DPH DRY.PARTIC.MATTER	MG/CIG	9.0	3.8	11.7	7.4	14.8	8.2
TAR (=TPM-SN-H2O)	MG/CIG	8.3	3.4	10.8*	6.9	13.8	7.7
SN SMOKE NICOTINE	MG/CIG	0.70	0.38	0.94*	0.57	0.96	0.58
RATIO SN/TAR	%	8.4	11.0	8.7	8.3	7.0	7.6
PUFF COUNT	NO./CIG	8.5	8.6	9.0	8.7	8.3	7.8
CO CARBON MONOXIDE	MG/CIG	5.5	2.2	8.9	7.8	13.8	9.1
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.03	0.08	0.06	0.16	0.11

F I L L E R

ALKALOIDS, TOTAL	%	1.90	1.97	1.76	1.62	1.86	1.81
REDUCING SUGARS	%	7.7	7.2	12.0	11.2	6.4	8.6
NITRATE NITROGEN	%	0.13	0.19	0.14	0.14	0.17	0.17
AMMONIA NITROGEN	%	0.14	0.23	0.09	0.09	0.18	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	444	427	818	728	752	689
DENSITY AT 12.5 % OV	MG/ML	277	264	241	240	244	239
OV AT EQUILIBRIUM	%	12.3	12.5	12.5	12.3	13.5	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	601	580	1061	942	969	953
CIG. LENGTH, TOTAL	MM	97	97	94	94	84	84
CIG. DIAMETER/CIRCUMFER.	MM	5.40/16.9	5.42/17.0	7.91/24.8	7.48/23.4	7.90/24.8	7.88/24.7
CIG. RTD	MM H2O	150	79	109*	109	102	107
CIG. VENTILATION	%	56	84	18*	43	13	35
FIRMNESS AS IS	MM	1.94	2.12	3.14	2.64	2.84	2.77
OVEN VOLATILES AS IS	%	12.3	11.9	12.3	12.4	12.7	12.8
FIRMNESS AT 12.5 % OV	MM	2.02	2.35	3.22	2.67	2.76	2.66
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	27	27	25	25	21	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	113	110	187	165	158	205
FILTER RTD	MM H2O	106	102	63	84	63	92
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	29	29	25	32
TIPPING PAPER TYPE		WHDL	WHDL	ICD	WHD	IC	ICWHDL
TIPPING PERFO. TYPE		MLPS	MLPM	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.	2	1				

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CORTINA ULTRA LIGHTS	+DIANA	+DIANA	+DIANA	+DIANA SPECIALLY MILD	FUTURA
IT ITALY	PROD. CENTERS OR MANUFACTURER	BAT DB	MTI ROVERE	MTI VERONA	MTI MODENA	MTI MODENA	MONITAL
	CIGARETTE CODE	CTAAC	DIK01	DIK01	DIK01	DIS01	FUTAC
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	A 00 4	A 00 4	A 02 2	A 00 3	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.2	16.4	16.8	16.9	11.4	5.1
DPM DRY.PARTIC.MATTER	MG/CIG	1.1	14.2	14.6	14.3	10.3	4.7
TAR (=TPM-SN-H2O)	MG/CIG	1.0	13.3	13.7	13.4	9.6	4.3
SN SMOKE NICOTINE	MG/CIG	0.10	0.95	0.91	0.92	0.72	0.43
RATIO SN/TAR	%	10.4	7.2	6.7	6.9	7.5	9.9
PUFF COUNT	NO./CIG	8.1	8.3	8.0	7.8	8.3	9.2
CO CARBON MONOXIDE	MG/CIG	1.6	13.0	14.3	14.6	10.3	
NO NITROGEN MONOXIDE	MG/CIG	0.03	0.17	0.18	0.18	0.13	

F I L L E R

ALKALOIDS, TOTAL	%	1.95	1.78	1.79	1.76	1.73	1.56
REDUCING SUGARS	%	5.9	9.6	9.3	11.0	9.9	9.6
NITRATE NITROGEN	%	0.27	0.20	0.20	0.21	0.20	0.29
AMMONIA NITROGEN	%	0.19	0.15	0.14	0.14	0.15	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	693	771	757	719	741	740
DENSITY AT 12.5 % OV	MG/ML	222	247	241	229	235	257
OV AT EQUILIBRIUM	%	12.3	12.6	12.4	12.5	12.5	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	942	968	952	916	939	985
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.87/24.7	7.91/24.8	7.92/24.8	7.92/24.8	7.88/24.7
CIG. RTD	MM H2O	36	111	117	112	106	111
CIG. VENTILATION	%	84	11	11	11	32	54
FIRMNESS AS IS	MM	3.24	2.93	2.63	1.92	2.57	2.24
OVEN VOLATILES AS IS	%	12.3	12.9	11.4	9.3	11.6	10.9
FIRMNESS AT 12.5 % OV	MM	3.33	2.77	3.08	3.23	2.95	2.87
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		PSP	S	S	S	S	S
PM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	20	20	20	20	25
FILTER-LENGTH PLUG 1	MM	8.0					
FILTER-LENGTH PLUG 2	MM	7.0					
FILTER-LENGTH PLUG 3	MM						
PA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	196	142	144	142	146	195
FILTER RTD	MM H2O	120	62	62	62	76	93
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	28	25	25	25	25	30
TIPPING PAPER TYPE		ICDL	IC	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		LPM	EPZ	EPZ	EPZ	EPZ	MLPS
TIPPING,PERFO. LINES	NO.	1					4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	KIM LEGGERA	KIM SUPER- LEGGERA	KIM ULTRA SLIM	+L & M	+LARK	LIDO TRIPLO FILTRO MONITAL
IT-ITALY	PROD. CENTERS OR MANUFACTURER	BAT DB	B.A.T.	BAT DB	MUNICH	MUNICH	
	CIGARETTE CODE	KIHBC	KIOAC	KIDAC	LMK08	LAG01	LLOAC
	SIZE/NB PER PACK	100 F/20	100 F/20	100 F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	B 00 4	B 00 2	A 00 3	A 01 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.5	3.1	7.8	16.0	16.1	14.6
DPM DRY.PARTIC.MATTER	MG/CIG	8.0	2.9	7.3	13.6	13.5	13.4
TAR (=TPM-SN-H2O)	MG/CIG	7.5	2.7	6.6*	12.7	12.6	12.4
SN SMOKE NICOTINE	MG/CIG	0.47	0.26	0.65*	0.86	0.94	0.97
RATIO SN/TAR	%	6.3	9.9	9.9	6.8	7.5	7.8
PUFF COUNT	NO./CIG	7.5	8.2	8.6	8.4	8.9	9.9
CO CARBON MONOXIDE	MG/CIG	9.1	2.9	4.6*		12.9	
NO NITROGEN MONOXIDE	MG/CIG	0.17	0.05	0.07		0.20	

F I L L E R

ALKALOIDS, TOTAL	%	1.55	1.92	2.02	1.67	1.89	2.04
REDUCING SUGARS	%	7.0	6.1	8.3	5.9		7.0
NITRATE NITROGEN	%	0.38	0.28	0.19	0.19	0.20	0.33
AMMONIA NITROGEN	%	0.19	0.19	0.27	0.17	0.28	0.25
TOB. WT. AT 12.5 % OV	MG/CIG	672	650	408	741		816
DENSITY AT 12.5 % OV	MG/ML	223	219	254	243		254
OV AT EQUILIBRIUM	%	12.2	12.2	12.5	13.4	13.9	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	898	883	557	959		1043
CIG. LENGTH, TOTAL	MM	94	94	97	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.45/23.3	7.41/23.2	5.41/16.9	7.86/24.6		7.99/25.0
CIG. RTD	MM H2O	124	51	109*	103	109	86
CIG. VENTILATION	%	34	75	70*	18	18	33
FIRMNESS AS IS	MM	2.90	3.18	2.16	2.92		2.62
OVEN VOLATILES AS IS	%	12.0	12.2	12.2	12.7		12.0
FIRMNESS AT 12.5 % OV	MM	3.10	3.33	2.28	2.86		2.82
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	PSP	S	S	PSP	T
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CAP
FILTER LENGTH, TOTAL	MM	25	25	21	21	20
FILTER-LENGTH PLUG 1	MM		10.0		7.0	6.0
FILTER-LENGTH PLUG 2	MM		9.0		8.0	9.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE					AC	AC
FILTER WEIGHT	MG/FIL	177	187	110	157	269
FILTER RTD	MM H2O	89	110	102	64	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	28	28	32	25	25
TIPPING PAPER TYPE	WHD	WHD	WHD	IC	ICD	WHD
TIPPING PERFO. TYPE	EPZ	MLPM	MLPM*	EPZ	EPZ	MLPS
TIPPING, PERFO. LINES	NO.	1	1*			4

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	LIDO BLU EXTRA MILD	LINDA LEGGERA	LINDA PLURI- FILTER	LUCKY STRIKE LIGHTS	LUCKY STRIKE	LUCKY STRIKE
IT ITALY	PROD. CENTERS OR MANUFACTURER	MONITAL	MONITAL	MONITAL	B.A.T.	B.A.T.	B.A.T.
	CIGARETTE CODE	LLBAC	LMLAC	LNCAC	LSAAC	LSKAC	LSPAC
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	REG N/20
	SAMPLING CODE	B 00 2	B 01 2	B 02 2	B 00 2	B 00 4	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.3	12.7	17.3	6.6	15.2	22.7
DPM DRY.PARTIC.MATTER	MG/CIG	9.2	11.6	15.6	6.2	13.4	20.3
TAR (=TPM-SN-H2O)	MG/CIG	8.7	10.7	14.3	5.7*	12.5	19.2
SN SMOKE NICOTINE	MG/CIG	0.60	0.89	1.25	0.49*	0.91	1.18
RATIO SN/TAR	%	6.9	8.3	8.7	8.6	7.2	6.2
PUFF COUNT	NO./CIG	8.6	8.7	9.9	7.1*	7.8	7.6
CO CARBON MONOXIDE	MG/CIG	11.1	11.2	12.2	6.4	14.1	14.3
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.24	0.27	0.08	0.16	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.59	1.83	2.09	1.78	1.93	1.88
REDUCING SUGARS	%	7.3	8.8	8.3	8.4	8.0	10.1
NITRATE NITROGEN	%	0.34	0.34	0.29	0.22	0.24	0.19
AMMONIA NITROGEN	%	0.18	0.13	0.16	0.18	0.18	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	769	779	850	750	770	912
DENSITY AT 12.5 % OV	MG/ML	244	247	265	237	245	262
OV AT EQUILIBRIUM	%	11.8	11.7	12.2	12.7	12.5	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1000	976	1111	992	982	970
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	70
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.92/24.8	8.00/25.1	8.00/25.1	7.98/25.0	7.96/24.9
CIG. RTD	MM H2O	111	102	97	98*	119	72
CIG. VENTILATION	%	28	32	26	49*	14	
FIRMNESS AS IS	MM	2.13	1.66	2.29	3.02	3.00	2.37
OVEN VOLATILES AS IS	%	11.3	9.5	10.7	11.9	12.7	12.9
FIRMNESS AT 12.5 % OV	MM	2.61	2.87	3.01	3.30	2.94	2.22
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		T	S	PSP	S	S
FM FILTER MATERIAL		CAP	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	20	20	20	21	21
FILTER-LENGTH PLUG 1	MM	6.0		7.0		
FILTER-LENGTH PLUG 2	MM	8.0		8.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE		AC		AC		
FILTER WEIGHT	MG/FIL	186	154	214	181*	162
FILTER RTD	MM H2O	74	73	66	90*	71
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	24	25	32*	25
TIPPING PAPER TYPE		WHD	WHD	WHGRD	ICWHDL*	IC
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	MLPS	EPZZ
TIPPING,PERFO. LINES	NO.	1	4	2	4	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO K.S.	+MARLBORO K.S.	+MARLBORO KING SIZE	+MARLBORO KING SIZE	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S BERGEN OZ
IT-ITALY	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	IXELLES	MTI BOLOGN	MTI MODENA	MUNICH	
	CIGARETTE CODE	MLB13	MLB15	MLK01	MLK01	MLK30	MHX14
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 4	A 00 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.3	18.5	18.4	17.7	17.5	11.4
DPM DRY.PARTIC.MATTER	MG/CIG	15.7	15.9	15.6	15.1	14.9	10.4
TAR (=TPM-SN-H2O)	MG/CIG	14.8	14.9	14.7	14.2*	14.0	9.7
SN SMOKE NICOTINE	MG/CIG	0.93	0.96	0.93	0.89*	0.96	0.70
RATIO SN/TAR	%	6.3	6.4	6.3	6.3	6.9	7.2
PUFF COUNT	NO./CIG	8.2	8.1	8.4	8.5*	8.6	9.9
CO CARBON MONOXIDE	MG/CIG	14.2	14.6	13.9	13.9	14.2	10.1
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.21	0.20	0.19	0.20	0.15

F I L L E R

ALKALOIDS, TOTAL	%	1.83	1.82	1.72	1.68	1.84	1.82
REDUCING SUGARS	%	7.8	8.0	7.5	7.7	6.2	7.9
NITRATE NITROGEN	%	0.20	0.20	0.22	0.23	0.20	0.20
AMMONIA NITROGEN	%	0.25	0.25	0.25	0.24	0.26	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	753	746	775	789	768	881
DENSITY AT 12.5 % OV	MG/ML	243	242	246	250	250	247
OV AT EQUILIBRIUM	%	14.1	14.0	13.1	13.6	13.7	14.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	981	973	984	1002	995	1159
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	98
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.90/24.8	7.92/24.8	7.93/24.9	7.88/24.7	7.88/24.7
CIG. RTD	MM H2O	107	108	101	105	109	111
CIG. VENTILATION	%	13	12	19	21	13	40
FIRMNESS AS IS	MM	2.88	2.83	2.85	2.67	2.73	2.86
OVEN VOLATILES AS IS	%	12.9	12.8	11.5	12.0	12.5	12.9
FIRMNESS AT 12.5 % OV	MM	2.73	2.71	3.25	2.87	2.72	2.70
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	21	20	20	21	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	162	163	150	151	163	200
FILTER RTD	MM H2O	68	69	63	62	69	95
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	25	25	25	32
TIPPING PAPER TYPE		IC	IC	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.						

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MARLBORO 100'S	+MERCEDES	+MERCEDES SPECIALLY MILD	+MERIT
IT ITALY	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	MUNICH	BERGEN OZ	MTI FIRENZ	IXELLES	MUNICH
	CIGARETTE CODE	MLX02	MLX05	MLH02	MEK03	MED06	MER15
	SIZE/MB PER PACK	KS F/20	KS F/	100 F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 3	A 00 4	A 01 1	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.4	9.6	18.5	12.1	10.8	8.1
DPM DRY.PARTIC.MATTER	MG/CIG	9.4	8.7	16.5	11.1	10.0	7.2
TAR (=TPM-SM-H2O)	MG/CIG	8.8	8.1	15.5	10.4*	9.4	6.7
SN SMOKE NICOTINE	MG/CIG	0.61	0.60	1.01	0.75*	0.67	0.51
RATIO SM/TAR	%	7.0	7.4	6.6	7.3	7.1	7.7
PUFF COUNT	NO./CIG	7.5	8.0	9.6	7.8*	8.9	7.8
CO CARBON MONOXIDE	MG/CIG	10.2	9.8	13.6	12.4	10.2	9.9
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.14	0.20	0.11	0.09	0.15

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.80	1.80	1.70	1.67	1.83
REDUCING SUGARS	%	7.6	8.2	7.5	9.7	10.9	5.2
NITRATE NITROGEN	%	0.21	0.20	0.20	0.15	0.13	0.24
AMMONIA NITROGEN	%	0.24	0.25	0.26	0.09	0.08	0.19
TOB. WT. AT 12.5 % OV	MG/CIG	695	717	881	759	774	695
DENSITY AT 12.5 % OV	MG/ML	239	247	247	241	230	241
OV AT EQUILIBRIUM	%	14.1	13.0	14.1	12.4	12.7	13.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	963	977	1153	1028	1028	969
CIG. LENGTH, TOTAL	MM	84	84	98	84	98	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.90/24.8	7.88/24.7	7.92/24.8	7.66/24.0	7.90/24.8
CIG. RTD	MM H2O	107	110	111	125	127	120
CIG. VENTILATION	%	35	34	19	21	34	35
FIRMNESS AS IS	MM	2.94	2.74	2.81	2.58	2.69	2.69
OVEN VOLATILES AS IS	%	12.9	12.6	12.8	10.9	12.1	12.3
FIRMNESS AT 12.5 % OV	MM	2.80	2.69	2.69	3.23	2.85	2.77
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	D	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	20	25	25
FILTER-LENGTH PLUG 1	MM			13.0		
FILTER-LENGTH PLUG 2	MM			12.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				PG		
FILTER WEIGHT	MG/FIL	203	203	217	196	215
FILTER RTD	MM H2O	97	96	69	77	103
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	29	29	32
TIPPING PAPER TYPE	ICWHDL	ICWHDL	ICD	WHD	WHD	ICWHDL
TIPPING PERFO. TYPE	EP2	EP2	EP2	MLPS	MLPS	EP2
TIPPING, PERFO. LINES	NO.			3	3	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MERIT	+MERIT ULTRA LGTS 100'S	+MERIT ULTRA LIGHTS	+MERIT 100'S	MILDE SORTE	MS INTERNAT.
IT ITALY	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	BERGEN OZ	BERGEN OZ	BERGEN OZ	AUSTRIA T.	MONITAL
	CIGARETTE CODE	MER19	MEG01	MEU03	MEH04	MSDDC	MSIAC
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/20	100 F/20	KS F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 2	A 00 4	A 00 4	B 00 4	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.3	4.7	4.4	8.7	11.2	10.8
DPM DRY.PARTIC.MATTER	MG/CIG	7.6	4.4	4.1	8.1	10.2	10.1
TAR (=TPM-SN-H2O)	MG/CIG	7.1	4.1	3.8	7.5	9.7	9.2
SN SMOKE NICOTINE	MG/CIG	0.50	0.32	0.27	0.55	0.50	0.88
RATIO SN/TAR	%	7.1	7.8	7.2	7.2	5.1	9.5
PUFF COUNT	NO./CIG	7.3	10.1	7.5	8.7	7.9	9.9
CO CARBON MONOXIDE	MG/CIG	9.0	3.4	3.5	10.0	10.0	8.1
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.07	0.08	0.16	0.08	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.84	1.41	1.88	1.04	1.86
REDUCING SUGARS	%	7.0	6.8	6.3	7.1	13.0	9.0
NITRATE NITROGEN	%	0.24	0.24	0.24	0.24	0.12	0.28
AMMONIA NITROGEN	%	0.18	0.27	0.27	0.18	0.06	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	686	862	692	856	772	905
DENSITY AT 12.5 % OV	MG/ML	236	240	238	240	244	266
OV AT EQUILIBRIUM	%	13.9	14.4	14.2	13.8	12.4	11.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	959	1146	968	1147	982	1136
CIG. LENGTH, TOTAL	MM	84	99	84	98	84	94
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.89/24.7	7.93/24.9	7.88/24.7	7.94/24.9	7.93/24.9
CIG. RTD	MM H2O	120	79	92	130	101	101
CIG. VENTILATION	%	37	73	66	39	24	40
FIRMNESS AS IS	MM	2.85	2.86	2.76	2.82	3.57	1.70
OVEN VOLATILES AS IS	%	12.7	13.1	12.8	12.9	13.0	10.2
FIRMNESS AT 12.5 % OV	MM	2.76	2.62	2.64	2.68	3.39	2.64
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	25	25	25	25	20	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	211	199	209	212	157	183
FILTER RTD	MM H2O	112	93	110	118	70、	72
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	36	32	36	26	29
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	ICWHDL	ICD	ICD
TIPPING PERFO. TYPE		EPZ	MLPS	MLPS	EPZ	EPZ	MLPS
TIPPING,PERFO. LINES	NO.		4	4			4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MS KING SIZE	MS LIGHTS	MS MUNDIAL	MS EXTRA LIGHTS	MS BLU	MS MILD
IT ITALY	PROD. CENTERS OR MANUFACTURER	MONITAL	MONITAL	MONITAL	MONITAL	MONITAL	MONITAL
	CIGARETTE CODE	MSSAC	MSQAC	MSNAC	MSVAC	MRXBC	MSPAC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 4	B 01 2	B 00 4	B 01 1	B 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	12.0	4.5	6.9	1.6	12.8	10.0
DPM DRY. PARTIC. MATTER	MG/CIG	11.1	4.2	6.5	1.5	11.6	9.3
TAR (=TPM-SN-H2O)	MG/CIG	10.2	3.9	5.9	1.3	10.7	8.6*
SN SMOKE NICOTINE	MG/CIG	0.89	0.35	0.57	0.15	0.90	0.77*
RATIO SN/TAR	%	8.9	9.1	9.9	11.7	8.4	9.0
PUFF COUNT	NO./CIG	9.3	8.9	8.3	8.8	10.5	8.6
CO CARBON MONOXIDE	MG/CIG	10.0	5.5	5.0	2.2	12.1	7.7
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.09	0.09	0.04	0.19	0.18

F I L L E R

ALKALOIDS, TOTAL	%	1.96	1.94	1.79	1.96	2.00	1.91
REDUCING SUGARS	%	9.5	9.8	9.2	10.2	9.5	8.2
NITRATE NITROGEN	%	0.29	0.25	0.26	0.22	0.20	0.36
AMMONIA NITROGEN	%	0.17	0.14	0.13	0.12	0.14	0.20
TOB. WT. AT 12.5 % OV	MG/CIG	809	699	741	687	807	751
DENSITY AT 12.5 % OV	MG/ML	253	241	234	236	252	233
OV AT EQUILIBRIUM	%	11.9	12.2	11.8	12.0	11.9	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1015	971	941	959	1032	955
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.97/25.0	7.91/24.8	7.93/24.9	7.94/24.9	7.99/25.0	8.02/25.1
CIG. RTD	MM H2O	99	100	85	84	98	87*
CIG. VENTILATION	%	37	53	53	73	33	45*
FIRMNESS AS IS	MM	2.18	2.28	2.24	2.51	1.50	2.95
OVEN VOLATILES AS IS	%	11.3	11.5	11.4	11.8	8.6	11.5
FIRMNESS AT 12.5 % OV	MM	2.66	2.71	2.70	2.81	3.07	3.38
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	D	S	D	D	S
FM FILTER MATERIAL		CA	CAP	CA	CAP	CAP	CA
FILTER LENGTH, TOTAL	MM	20	25	20	25	20	20
FILTER-LENGTH PLUG 1	MM		15.0		15.0	10.0	
FILTER-LENGTH PLUG 2	MM		10.0		10.0	10.0	
FILTER-LENGTH PLUG 3	MM						
PA FIL. ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	162	225	156	227	178	157
FILTER RTD	MM H2O	75	114	76	116	68	73
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	24	30	25	30	24	24
TIPPING PAPER TYPE		ICD	WHDL	WHDL	WHDL	ICD	ICD
TIPPING PERFO. TYPE	MLPS		MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	4	8	1	4

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IT

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MS 100'S DE LUXE	+MULTI- FILTER ULTRA LTS MUNICH	+MULTI- FILTER 100'S BERGEN OZ	+MULTI- FILTER 100'S MUNICH	+MULTI- FILTER 100'S E.L. BERGEN OZ	+MULTI- FILTER 100'S E.L. MUNICH
IT-ITALY	PROD. CENTERS OR MANUFACTURER	MONITAL					
	CIGARETTE CODE	MSWAC	MPD04	MPH02	MPH11	MPS02	MPS03
	SIZE/NB PER PACK	100 F/20	100 F/20	100 F/20	100 F/20	100 F/20	100 F/20
	SAMPLING CODE	B 00 2	A 00 2	A 00 4	A 00 4	A 01 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.3	4.8	10.2	10.6	7.8	7.5
DPM DRY.PARTIC.MATTER	MG/CIG	6.0	4.4	9.5	9.7	7.3	6.9
TAR (=TPM-SN-H2O)	MG/CIG	5.5	4.1*	8.8	9.0	6.8	6.3
SN SMOKE NICOTINE	MG/CIG	0.54	0.36*	0.66	0.72	0.53	0.58
RATIO SN/TAR	%	9.9	8.8	7.4	8.1	7.8	9.2
PUFF COUNT	NO./CIG	10.4	7.2*	9.2	10.1	9.1	10.2
CO CARBON MONOXIDE	MG/CIG	5.0	3.0	10.7	11.3	6.1	6.9
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.04	0.11	0.10	0.07	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.84	1.94	1.64	1.64	1.07	1.64
REDUCING SUGARS	%	10.8	5.1	11.0	9.0	10.9	9.1
NITRATE NITROGEN	%	0.20	0.20	0.13	0.14	0.13	0.13
AMMONIA NITROGEN	%	0.09	0.15	0.09	0.09	0.09	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	855	354	816	827	813	831
DENSITY AT 12.5 % OV	MG/ML	244	221	229	232	227	231
OV AT EQUILIBRIUM	%	11.8	13.8	12.6	12.3	12.7	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1094	521	1145	1148	1143	1152
CIG. LENGTH, TOTAL	MM	98	97	98	98	98	99
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5	5.38/16.8	7.88/24.7	7.88/24.7	7.88/24.7	7.89/24.7
CIG. RTD	MM H2O	100	121	123	124	111	111
CIG. VENTILATION	%	60	70	40	38	47	45
FIRMNESS AS IS	MM	2.25	2.87	2.85	2.64	2.71	2.69
OVEN VOLATILES AS IS	%	11.4	13.1	12.1	11.9	12.0	11.8
FIRMNESS AT 12.5 % OV	MM	2.71	2.63	3.02	2.90	2.91	2.99
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	D	D	D	D	D
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM 25	27	25	25	25	25
FILTER-LENGTH PLUG 1	MM	16.0	12.0	12.0	12.0	12.0
FILTER-LENGTH PLUG 2	MM	11.0	13.0	13.0	13.0	13.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE			AC	AC	AC	AC
FILTER WEIGHT	MG/FIL	186	118	271	267	271
FILTER RTD	MM H2O	93	129	99	99	99
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	29	29	29
TIPPING PAPER TYPE	WHDL	WHDL	WHGRD	WHGRD	WHGRD	WHGRD
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO. 4	6	4	4	4	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MULTIFILT. LIGHTS 100'S MUNICH	+MURATTI AMBASSADOR EXTRA M. BERGEN OZ	+MURATTI AMBASSADOR EXTRA M. IXELLES	+MURATTI AMBASSADOR IXELLES	+MURATTI AMBASSADOR KING SIZE MTI ROVERE	+MURATTI AMBASSADOR ULTRA M. BERGEN OZ
IT ITALY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	MPT02	MAC12	MAC14	MAJ03	MAK01	MAL01
	SIZE/MS PER PACK	100 F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 2	B 00 4	A 00 4	A 00 4	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.1	7.2	7.5	10.4	9.9	3.9
DPM DRY.PARTIC.MATTER	MG/CIG	7.5	6.7	6.9	9.5	9.2	3.6
TAR (=TPM-SN-H2O)	MG/CIG	6.9	6.2	6.4	8.9	8.5	3.4
SN SMOKE NICOTINE	MG/CIG	0.62	0.49	0.51	0.66	0.67	0.25
RATIO SN/TAR	%	9.1	7.9	8.0	7.5	8.0	7.5
PUFF COUNT	NO./CIG	7.9	7.4	7.5	7.9	8.6	7.5
CO CARBON MONOXIDE	MG/CIG	4.9	6.2	6.8	9.6	8.5	4.9
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.07	0.07	0.10	0.10	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.94	1.64	1.65	1.65	1.65	1.65
REDUCING SUGARS	%	10.6	11.8	10.7	10.9	10.3	10.6
NITRATE NITROGEN	%	0.14	0.13	0.13	0.13	0.16	0.14
AMMONIA NITROGEN	%	0.11	0.10	0.09	0.08	0.10	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	439	651	645	702	756	651
DENSITY AT 12.5 % OV	MG/ML	272	224	224	228	241	224
OV AT EQUILIBRIUM	%	12.8	12.5	12.5	12.7	12.3	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	603	976	970	998	1039	985
CIG. LENGTH, TOTAL	MM	97	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	5.42/17.0	7.92/24.8	7.89/24.7	7.89/24.7	7.91/24.8	7.92/24.8
CIG. RTD	MM H2O	137	91	91	104	108	82
CIG. VENTILATION	%	58	46	48	36	38	60
FIRMNESS AS IS	MM	2.52	2.61	2.38	2.28	2.46	2.54
OVEN VOLATILES AS IS	%	12.4	11.7	11.8	11.6	11.7	11.7
FIRMNESS AT 12.5 % OV	MM	2.54	2.93	2.68	2.64	2.79	2.86
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	D	D	D	D	D	T
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CAP
FILTER LENGTH, TOTAL	MM	27	25	25	21	20
FILTER-LENGTH PLUG 1	MM	16.0	12.0	13.0	8.0	7.0
FILTER-LENGTH PLUG 2	MM	11.0	13.0	12.0	13.0	10.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE		AC	AC	AC	AC	AC
FILTER WEIGHT	MG/FIL	123	276	276	244	232
FILTER RTD	MM H2O	125	85	84	78	75
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	29	29	25	25
TIPPING PAPER TYPE	WHGRDL	WHGRDL	WHGRDL	WHGRD	WHGRD	WHGRWHD
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	3	2	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI AMBASSADOR ULTRA M.	N 80 FILTRO	MAZIONALI	NOW	+PHILIP MORRIS 100 SUPER L.	+PHILIP MORRIS 100 ULTRA L.
IT ITALY	PROD. CENTERS OR MANUFACTURER	IXELLES	MONITAL	MONITAL	REYNOLDS	BERGEN OZ	MUNICH
	CIGARETTE CODE	MAL02	NMFAC	NAGAC	NOQAC	PHS01	PHU02
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	100 F/20	100 F/
	SAMPLING CODE	A 02 2	B 02 2	B 02 1	B 00 3	A 01 2	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	3.6	14.7	13.0	1.6	4.5	3.2
DPM DRY.PARTIC.MATTER	MG/CIG	3.3	13.0	11.8	1.4	4.2	3.0
TAR (=TPM-SN-H2O)	MG/CIG	3.1	12.1	11.1	1.3	3.9	2.7
SN SMOKE NICOTINE	MG/CIG	0.25	0.93	0.75	0.11	0.32	0.27
RATIO SN/TAR	%	8.0	7.8	6.7	8.1	8.3	9.9
PUFF COUNT	NO./CIG	7.6	9.5	9.0	6.1	8.9	8.5
CO CARBON MONOXIDE	MG/CIG	4.6	13.7		1.6	4.4	3.6
NO NITROGEN MONOXIDE	MG/CIG	0.05	0.31		0.04	0.07	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.64	1.83	1.65	1.65	2.07	1.26
REDUCING SUGARS	%	10.9	2.5	3.4	7.2	7.7	5.7
NITRATE NITROGEN	%	0.13	0.31	0.30	0.30	0.18	0.09
AMMONIA NITROGEN	%	0.08	0.33	0.31	0.13	0.14	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	648	857	858	550	807	738
DENSITY AT 12.5 % OV	MG/ML	225	270	270	189	227	211
OV AT EQUILIBRIUM	%	12.6	11.6	11.5	12.3	14.4	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	974	1084	1079	811	1104	1037
CIG. LENGTH, TOTAL	MM	84	84	84	84	98	98
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.95/24.9	7.95/24.9	7.93/24.9	7.87/24.7	7.83/24.5
CIG. RTD	MM H2O	72	108	82	93	100	79
CIG. VENTILATION	%	66	15	22	76	67	67
FIRMNESS AS IS	MM	2.30	1.88	2.15	3.28	2.95	3.40
OVEN VOLATILES AS IS	%	11.6	11.7	12.7	12.8	13.1	12.3
FIRMNESS AT 12.5 % OV	MM	2.68	2.19	2.07	3.17	2.71	3.48
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	T	D	S	S	S	D
FM FILTER MATERIAL	CAP	CAP	P	CA	CA	CAP
FILTER LENGTH, TOTAL	MM	25	20	25	25	25
FILTER-LENGTH PLUG 1	MM	7.0	11.0			17.0
FILTER-LENGTH PLUG 2	MM	10.0	9.0			8.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE	AC					
FILTER WEIGHT	MG/FIL	275	183	180	208	213
FILTER RTD	MM H2O	97	67	49	116	114
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	24	24	30	36
TIPPING PAPER TYPE	WHGRWHD	IC	ICD	ICD	ICWHD	ICWHD
TIPPING PERFO. TYPE	MLPS	MLPS	EPZ	MLPM	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	6	1	1	6	6

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IT

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS LGTS EXTRA MUNICH	+PHILIP MORRIS BERGEN OZ	+PHILIP MORRIS LIGHTS MUNICH	+PHILIP MORRIS SUP.LIGHTS MUNICH	+PHILIP MORRIS SUPER L. BERGEN OZ	+PHILIP MORRIS ULTRA LGTS MUNICH
IT ITALY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	PMA03	PMB05	PME01	PMQ01	PMS07	PMU07
	SIZE/MB PER PACK	KS F/20	KS F/20	100 F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 3	A 01 3	A 00 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.4	17.7	8.9	5.2	4.4	2.7
DPM DRY.PARTIC.MATTER	MG/CIG	1.2	15.3	7.9	4.9	4.1	2.5
TAR (=TPM-SN-H2O)	MG/CIG	1.1	14.4	7.3	4.4*	3.8	2.3
SN SMOKE NICOTINE	MG/CIG	0.10	0.91	0.64	0.45*	0.31	0.23
RATIO SN/TAR	%	8.7	6.4	8.7	10.3	8.2	9.8
PUFF COUNT	NO./CIG	6.3	8.0	7.9	8.3*	7.6	7.4
CO CARBON MONOXIDE	MG/CIG	3.1	14.2	5.5	3.2	4.4	2.8
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.20	0.07	0.03	0.06	0.05

F I L L E R

ALKALOIDS, TOTAL	%	2.25	1.82	1.82	1.96	2.06	2.54
REDUCING SUGARS	%	5.4	7.8	10.1	5.1	8.4	8.4
NITRATE NITROGEN	%	0.23	0.20	0.15	0.16	0.18	0.15
AMMONIA NITROGEN	%	0.15	0.25	0.10	0.12	0.13	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	526	754	439	438	651	598
DENSITY AT 12.5 % OV	MG/ML	188	244	273	275	224	208
OV AT EQUILIBRIUM	%	12.6	14.1	12.7	13.0	13.9	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	898	982	591	592	928	883
CIG. LENGTH, TOTAL	MM	84	84	97	97	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.93/24.9	5.42/17.0	5.39/16.9	7.92/24.8	7.89/24.7
CIG. RTD	MM H2O	100	106	130	104	103	79
CIG. VENTILATION	%	64	14	56	72	63	66
FIRMNESS AS IS	MM	2.52	2.94	2.39	2.22	2.71	2.91
OVEN VOLATILES AS IS	%	11.9	13.0	12.3	12.3	12.7	11.8
FIRMNESS AT 12.5 % OV	MM	2.76	2.76	2.47	2.30	2.64	3.21
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	D
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CAP
FILTER LENGTH,TOTAL	MM	27	21	27	27	25	25
FILTER-LENGTH PLUG 1	MM	7.0					16.0
FILTER-LENGTH PLUG 2	MM	20.0					9.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	326	163	111	113	215	234
FILTER RTD	MM H2O	149	67	107	115	121	113
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	25	32	32	32	32
TIPPING PAPER TYPE		ICWHDL	IC	WHDL	WHL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		MLPS	EPZ	MLPS	MLPS	MLPS	MLPS
TIPPING,PERFO. LINES	NO.	2		6	5	4	5

33.440

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IT

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+RAFFLES 100'S	ROTHMANS KING SIZE	ROTHMANS LEGGERA	ROTHMANS SPECIAL	ROTHMANS SUPER- LEGGERA	ROTHMANS ULTRA- LEGGERA
IT ITALY	PROD. CENTERS OR MANUFACTURER	CARROLL	TURMAC INT	TURMAC INT	TURMAC INT	TURMAC INT	TURMAC INT
	CIGARETTE CODE	RAH05	RTKPC	RTZAC	RTQCC	RTEAC	RTWAC
	SIZE/NB PER PACK	100 F/10	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20
	SAMPLING CODE	A 00 2	B 00 4	B 01 1	B 00 4	B 00 4	B 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	14.3	17.5	8.2	11.1	5.9	3.1
DPM DRY.PARTIC.MATTER	MG/CIG	13.0	15.3	7.5	10.1	5.6	2.9
TAR (-TPM-SN-H2O)	MG/CIG	12.0*	14.3	6.9*	9.4	5.1	2.6
SN SMOKE NICOTINE	MG/CIG	1.09*	1.01	0.60*	0.80	0.52	0.33
RATIO SN/TAR	%	9.2	7.1	8.6	8.5	10.2	12.8
PUFF COUNT	NO./CIG	9.2*	7.4	7.5*	8.2	8.2	8.5
CO CARBON MONOXIDE	MG/CIG	13.5	12.5	4.9*	9.0	3.2	1.4
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.11	0.06	0.07	0.04	0.02

F I L L E R

ALKALOIDS, TOTAL	%	2.28	1.75	1.88*	1.71	2.06	2.10
REDUCING SUGARS	%	12.6	10.9	9.3	12.0	9.7	9.6
NITRATE NITROGEN	%	0.08	0.14	0.18	0.12	0.16	0.16
AMMONIA NITROGEN	%	0.04	0.10	0.18	0.08	0.14	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	869	745	414	730	417	416
DENSITY AT 12.5 % OV	MG/ML	237	243	249	237	252	251
OV AT EQUILIBRIUM	%	12.4	12.1	11.6	12.3	12.0	11.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1124	960	560	945	566	564
CIG. LENGTH, TOTAL	MM	100	84	99	84	99	99
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.94/24.9	5.42/17.0	7.95/24.9	5.41/16.9	5.42/17.0
CIG. RTD	MM H2O	131	105	165*	101	135	104
CIG. VENTILATION	%	13	55	55	33	73	86
FIRMNESS AS IS	MM	2.33	2.76	2.26	3.02	2.10	2.03
OVEN VOLATILES AS IS	%	11.4	11.8	12.0	12.3	12.1	11.7
FIRMNESS AT 12.5 % OV	MM	2.80	3.04	2.46	3.13	2.27	2.37
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	26	22	27	22	27	27
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	198	169	110	166	112	113
FILTER RTD	MM H2O	87	53	121*	74	121	118
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	30	26	32	26	32	32
TIPPING PAPER TYPE		ICD	IC	WHL	IC	WHL	WHL
TIPPING PERFO. TYPE		EPZ		MLPS	MLPM	MLPS	MLPS
TIPPING, PERFO. LINES	NO.			4	1	4	8

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IT

+ PME Brand () Converted values = PME specifications * Comments

2500077862

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	R1 SLIM LINE	R6	R6 ULTRA
IT ITALY	PROD. CENTERS OR MANUFACTURER	REEMTSMA	REEMTSMA	REEMTSMA
	CIGARETTE CODE	RMDBC	RMDBC	RMVBC
	SIZE/NB PER PACK	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	B 01 2	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.7	5.3	1.4
DPM DRY.PARTIC.MATTER	MG/CIG	6.4	4.9	1.3
TAR (=TPM-SN-H2O)	MG/CIG	5.7	4.6	1.2
SN SMOKE NICOTINE	MG/CIG	0.63	0.37	0.17
RATIO SN/TAR	%	11.0	8.2	14.3
PUFF COUNT	NO./CIG	8.2	7.5	7.9
CO CARBON MONOXIDE	MG/CIG	4.3	5.3	2.1
NO NITROGEN MONOXIDE	MG/CIG	0.05	0.08	0.03

F I L L E R

ALKALOIDS, TOTAL	%	2.49	1.66	2.52
REDUCING SUGARS	%	9.4	9.6	9.4
NITRATE NITROGEN	%	0.17	0.18	0.16
AMMONIA NITROGEN	%	0.11	0.11	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	483	679	614
DENSITY AT 12.5 % OV	MG/ML	232	230	209
OV AT EQUILIBRIUM	%	12.3	12.6	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	670	918	885
CIG. LENGTH, TOTAL	MM	97	84	84
CIG. DIAMETER/CIRCUMFER.	MM	6.16/19.3	7.98/25.0	7.97/25.0
CIG. RTD	MM H2O	115	103	58
CIG. VENTILATION	%	60	51	76
FIRMNESS AS IS	MM	2.33	2.44	2.19
OVEN VOLATILES AS IS	%	12.4	11.4	11.0
FIRMNESS AT 12.5 % OV	MM	2.39	2.89	2.79
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	S	D
FM FILTER MATERIAL		CA	CA	CAP
FILTER LENGTH, TOTAL	MM	27	25	25
FILTER-LENGTH PLUG 1	MM			16.0
FILTER-LENGTH PLUG 2	MM			9.0
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	142	191	229
FILTER RTD	MM H2O	95	101	134
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	31	29	29
TIPPING PAPER TYPE		WHDL	ICWHD	ICWHDL
TIPPING PERFO. TYPE	MLPS		MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	4

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IT

+ PME Brand () Converted values = PME specifications * Comments

2500077863

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO
IC-IVORY CST	PROD. CENTERS OR MANUFACTURER	SITAB
	CIGARETTE CODE	MLF31
	SIZE/NB PER PACK	LS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.7
DPM DRY.PARTIC.MATTER	MG/CIG	15.5
TAR (=TPM-SN-H2O)	MG/CIG	14.6
SN SMOKE NICOTINE	MG/CIG	0.97
RATIO SN/TAR	%	6.7
PUFF COUNT	NO./CIG	7.6
CO CARBON MONOXIDE	MG/CIG	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.22

F I L L E R

ALKALOIDS, TOTAL	%	1.82
REDUCING SUGARS	%	7.5
NITRATE NITROGEN	%	0.23
AMMONIA NITROGEN	%	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	742
DENSITY AT 12.5 % OV	MG/ML	249
OV AT EQUILIBRIUM	%	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	957
CIG. LENGTH, TOTAL	MM	80
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9
CIG. RTD	MM H2O	114
CIG. VENTILATION	%	7
FIRMNESS AS IS	MM	2.69
OVEN VOLATILES AS IS	%	12.3
FIRMNESS AT 12.5 % OV	MM	2.77
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		S
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	162
FILTER RTD	MM H2O	70
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE		IC
TIPPING PERFO. TYPE		EPZ
TIPPING, PERFO. LINES	NO.	

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IC

+ PME Brand () Converted values = PME specifications * Comments

2500077864

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CONGRESS	+CONGRESS LIGHTS
KW KUWAIT	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES
	CIGARETTE CODE	CON02	COL01
	SIZE/MB PER PACK	LS F/20	LS F/20
	SAMPLING CODE	A 01 3	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.3	5.1
DPM DRY.PARTIC.MATTER	MG/CIG	9.2	4.8
TAR (=TPM-SN-H20)	MG/CIG	8.6	4.4
SN SMOKE NICOTINE	MG/CIG	0.62	0.36
RATIO SN/TAR	%	7.2	8.2
PUFF COUNT	NO./CIG	8.2	8.5
CO CARBON MONOXIDE	MG/CIG	9.2	4.9
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.70	1.72
REDUCING SUGARS	%	9.9	9.5
NITRATE NITROGEN	%	0.17	0.17
AMMONIA NITROGEN	%	0.15	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	745	742
DENSITY AT 12.5 % OV	MG/ML	251	251
OV AT EQUILIBRIUM	%	12.8	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	950	956
CIG. LENGTH, TOTAL	MM	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.93/24.9
CIG. RTD	MM H2O	112	103
CIG. VENTILATION	%	35	61
FIRMNESS AS IS	MM	2.80	2.86
OVEN VOLATILES AS IS	%	12.4	12.6
FIRMNESS AT 12.5 % OV	MM	2.86	2.85
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH,TOTAL	MM	19	19
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	155	163
FILTER RTD	MM H2O	86	100
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	23	24
TIPPING PAPER TYPE		IC	ICD
TIPPING PERFO. TYPE		EPZ	MLPS
TIPPING,PERFO. LINES	NO.		4

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KW

+ PME Brand () Converted values = PME specifications * Comments

2500077865

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CEDARS	+CHESTER-FIELD 100'S	+CHESTER-FIELD	LUCKY STRIKE	+MARLBORO	+MARLBORO LIGHTS
RL-LEBANON	PROD. CENTERS OR MANUFACTURER	MISCELLAN.	RICHMOND	RICHMOND	B.A.T.	RICHMOND	RICHMOND
	CIGARETTE CODE	CEDBC	CEH01	CEK11	LSKBC	MLF49	MLX17
	SIZE/NB PER PACK	100 F/20	100 F/20	KS F/20	KS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 2	B 00 2	B 00 2	B 00 2	B 00 2	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	23.0	14.3	17.3	19.9	20.3	12.2
DPM DRY.PARTIC.MATTER	MG/CIG	20.6	12.8	14.6	16.9	17.2	10.8
TAR (=TPM-SN-H2O)	MG/CIG	19.2	12.0	13.7	16.0	16.2	10.1
SN SMOKE NICOTINE	MG/CIG	1.36	0.88	0.92	0.96	1.04	0.70
RATIO SN/TAR	%	7.1	7.4	6.7	6.0	6.4	6.9
PUFF COUNT	NO./CIG	11.1	8.9	7.5	7.9	7.9	7.4
CO CARBON MONOXIDE	MG/CIG	19.0	11.6	13.3	13.9	13.3	10.7
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.19	0.20	0.26	0.23	0.19

F I L L E R

ALKALOIDS, TOTAL	%	2.06	1.80	1.83	1.66	1.79	1.80
REDUCING SUGARS	%	9.2	8.7	9.7	6.5	7.1	7.0
NITRATE NITROGEN	%	0.17	0.22	0.24	0.23	0.21	0.24
AMMONIA NITROGEN	%	0.21	0.09	0.11	0.26	0.26	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	936	814	704	750	722	672
DENSITY AT 12.5 % OV	MG/ML	251	231	227	242	241	239
OV AT EQUILIBRIUM	%	12.3	12.4	12.9	12.8	13.2	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1233	1094	926	965	927	940
CIG. LENGTH, TOTAL	MM	100	100	84	84	79	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.93/24.9	7.93/24.9	7.91/24.8	7.97/25.0	7.93/24.9
CIG. RTD	MM H2O	109	116	113	129	106	122
CIG. VENTILATION	%		25	12	9	11	21
FIRMNESS AS IS	MM	2.65	2.75	2.92	2.32	2.60	2.40
OVEN VOLATILES AS IS	%	10.2	12.2	12.2	11.4	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	3.59	2.89	3.07	2.75	2.62	2.42
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	S
FM FILTER MATERIAL		CAP	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	28	21	21	19	27
FILTER LENGTH PLUG 1	MM	11.0					
FILTER-LENGTH PLUG 2	MM	14.0					
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	238	222	165	160	148	217
FILTER RTD	MM H2O	53	82	69	69	62	93
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	30	32	26	26	23	32
TIPPING PAPER TYPE	IC		ICD	IC	IC	IC	WHDL
TIPPING PERFO. TYPE			MLPS	MLPS	MSLP	MLPS	MLPS
TIPPING,PERFO. LINES	NO.		2	1	3	1	2

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RL

+ PME Brand () Converted values = PME specifications * Comments

2500077866

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	VICEROY	VICEROY KING SIZE	WINSTON	WINSTON LIGHTS 100'S
RL LEBANON	PROD. CENTERS OR MANUFACTURER	BRWN+WILAM	BRWN+WILAM	REYNOLDS	REYNOLDS
	CIGARETTE CODE	VCXBC	VCYDC	WIKMC	WIJAC
	SIZE/NE PER PACK	LS F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	B 00 2	B 00 1	B 00 2	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	20.2	20.8	19.4	9.7
DPM DRY.PARTIC.MATTER	MG/CIG	16.4	17.5	16.7	8.9
TAR (=TPM-SN-H2O)	MG/CIG	15.5	16.4*	15.7	8.3
SN SMOKE NICOTINE	MG/CIG	0.91	1.06	0.94	0.58
RATIO SN/TAR	%	5.9	6.5	6.0	6.9
PUFF COUNT	NO./CIG	6.5	8.1	7.3	8.0
CO CARBON MONOXIDE	MG/CIG	15.1	14.4	13.8	10.0
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.26	0.28	0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.60	1.77	1.64	1.49
REDUCING SUGARS	%	6.6	5.9	8.1	6.2
NITRATE NITROGEN	%	0.21	0.22	0.27	0.27
AMMONIA NITROGEN	%	0.18	0.22	0.10	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	696	762	718	778
DENSITY AT 12.5 % OV	MG/ML	236	246	232	231
OV AT EQUILIBRIUM	%	12.0	12.3	11.8	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	895	972	924	1063
CIG. LENGTH, TOTAL	MM	80	84	84	99
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.91/24.8	7.90/24.8	7.94/24.9
CIG. RTD	MM H2O	93	131	119	106
CIG. VENTILATION	%		10		33
FIRMNESS AS IS	MM	2.85	2.48	2.49	2.77
OVEN VOLATILES AS IS	%	11.6	11.6	12.1	12.3
FIRMNESS AT 12.5 % OV	MM	3.24	2.84	2.65	2.85
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	21
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	153	158	167
FILTER RTD	MM H2O	51	72	64
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	25	26	25
TIPPING PAPER TYPE	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		MSLP*		MLPS
TIPPING, PERFO. LINES	NO.	3*		2

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RL

+ PME Brand () Converted values = PME specifications * Comments

2500077867

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MURATTI	+PHILIP
MA-MALTA	PROD. CENTERS OR MANUFACTURER	ATW MALTA	AMBASSADOR KING SIZE SERRIERES	MORRIS SUPER L. SERRIERES
	CIGARETTE CODE	MLB24	MAK05	PMS03
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.4	9.5	3.8
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	8.9	3.5
TAR (=TPM-SN-H2O)	MG/CIG	14.7	8.2*	3.2
SN SMOKE NICOTINE	MG/CIG	0.97	0.70*	0.31
RATIO SN/TAR	%	6.6	8.6	9.7
PUFF COUNT	NO./CIG	8.1	8.4	8.1
CO CARBON MONOXIDE	MG/CIG	13.7	7.9	4.2
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.08	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.76	1.74	1.95
REDUCING SUGARS	%	7.1	11.0	9.1
NITRATE NITROGEN	%	0.22	0.14	0.20
AMMONIA NITROGEN	%	0.24	0.10	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	759	717	638
DENSITY AT 12.5 % OV	MG/ML	240	231	232
OV AT EQUILIBRIUM	%	12.9	12.3	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	970	1009	920
CIG. LENGTH, TOTAL	MM	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.93/24.9	7.92/24.8
CIG. RTD	MM H2O	101	102*	99
CIG. VENTILATION	%	15	44*	64
FIRMNESS AS IS	MM	2.83	2.66	2.88
OVEN VOLATILES AS IS	%	12.4	11.7	12.6
FIRMNESS AT 12.5 % OV	MM	2.89	2.99	2.88
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	D	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	28
FILTER-LENGTH PLUG 1	MM		9.0	
FILTER-LENGTH PLUG 2	MM		12.0	
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE			AC	
FILTER WEIGHT	MG/FIL	156	245	230
FILTER RTD	MM H2O	64	77	122
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	25	32
TIPPING PAPER TYPE	IC		WHGRD	ICWHDL
TIPPING PERFO. TYPE		EPZ	MLPS	MLPS
TIPPING,PERFO. LINES	NO.		4*	6

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MA

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+L & M
MU MAURITANIA	PROD. CENTERS OR MANUFACTURER	CURITIBA
	CIGARETTE CODE	LMN03
	SIZE/NB PER PACK	LS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.5
DPM DRY.PARTIC.MATTER	MG/CIG	15.6
TAR (=TPM-SN-H2O)	MG/CIG	14.7
SN SMOKE NICOTINE	MG/CIG	0.95
RATIO SN/TAR	%	6.5
PUFF COUNT	NO./CIG	7.6
CO CARBON MONOXIDE	MG/CIG	15.4
NO NITROGEN MONOXIDE	MG/CIG	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.67
REDUCING SUGARS	%	9.6
NITRATE NITROGEN	%	0.20
AMMONIA NITROGEN	%	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	721
DENSITY AT 12.5 % OV	MG/ML	251
OV AT EQUILIBRIUM	%	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	924
CIG. LENGTH, TOTAL	MM	80
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5
CIG. RTD	MM H2O	111
CIG. VENTILATION	%	9
FIRMNESS AS IS	MM	2.66
OVEN VOLATILES AS IS	%	12.2
FIRMNESS AT 12.5 % OV	MM	2.78
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S	
FM FILTER MATERIAL	CA	
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	154
FILTER RTD	MM H2O	67
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE	IC	
TIPPING PERFO. TYPE	KPZ	
TIPPING, PERFO. LINES	NO.	

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MU

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BEST LUXURY BLEND	CASA SPORTS NON FILTRE	CASA SPORT OLYMPIC BLEUE	MARLBORO RICHMOND	MARQUISE	MARVEL
MO-MOROCCO	PROD. CENTERS OR MANUFACTURER	REGIE/MARO	REGIE/MARO	REGIE/MARO	REGIE/MARO	REGIE/MARO	REGIE/MARO
	CIGARETTE CODE	BSNAC	CBEAC	CATAC	MLF43	MRQAC	MRWAC
	SIZE/NB PER PACK	LS F/20	REG M/20	REG F/20	LS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 1	B 00 1	B 00 1	B 00 2	B 00 1	B 00 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	23.7	30.4	28.2	19.1	27.2	20.2
DPM DRY.PARTIC.MATTER	MG/CIG	20.8	27.0	23.8	15.7	24.3	17.2
TAR (=TPM-SN-H2O)	MG/CIG	19.3	25.6*	22.6	14.7	22.4	16.0
SN SMOKE NICOTINE	MG/CIG	1.53	1.40*	1.17	0.94	1.83	1.13
RATIO SN/TAR	%	7.9	5.5	5.2	6.4	8.2	7.0
PUFF COUNT	NO./CIG	9.6	8.8*	10.1	7.6	9.4	9.1
CO CARBON MONOXIDE	MG/CIG	15.0	17.4	17.8	12.7	16.8	16.4
NO NITROGEN MONOXIDE	MG/CIG	0.22	0.34	0.37	0.22	0.21	0.23

F I L L E R

ALKALOIDS, TOTAL	%	2.04	1.41	1.10	1.69	2.25	1.69
REDUCING SUGARS	%	6.9	< 1	< 1	6.5	6.8	6.7
NITRATE NITROGEN	%	0.21	0.28	0.24	0.23	0.17	0.20
AMMONIA NITROGEN	%	0.19	0.40	0.40	0.20	0.20	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	792	921	847	728	864	881
DENSITY AT 12.5 % OV	MG/ML	267	238	275	240	267	273
OV AT EQUILIBRIUM	%	11.7	11.3	11.7	12.8	11.7	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1000	958	968	930	1077	1083
CIG. LENGTH, TOTAL	MM	80	70	72	80	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	8.40/26.3	8.01/25.1	7.96/24.9	8.03/25.2	8.01/25.1
CIG. RTD	MM H2O	95	33	82	109	95	106
CIG. VENTILATION	%				11		
FIRMNESS AS IS	MM	1.58	2.47	1.17	2.62	1.86	2.33
OVEN VOLATILES AS IS	%	10.3	10.6	10.4	12.8	10.0	11.9
FIRMNESS AT 12.5 % OV	MM	2.48	3.23	2.00	2.52	2.88	2.58
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S		S	S	S	S
FM FILTER MATERIAL	CA		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	11	19	20	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	164	81	149	167	151
FILTER RTD	MM H2O	53	17	63	54	62
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	16	24	24	24
TIPPING PAPER TYPE	IC		WH	IC	IC	IC
TIPPING PERFO. TYPE				MLPS		
TIPPING, PERFO. LINES	NO.			1		

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MO

+ PME Brand () Converted values = PME specifications * Comments

2500077870

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON
MO MOROCCO	PROD. CENTERS OR MANUFACTURER	REYNOLDS
	CIGARETTE CODE	WIKIC
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.3
DPM DRY.PARTIC.MATTER	MG/CIG	15.4
TAR (-TPM-SN-H2O)	MG/CIG	14.5
SN SMOKE NICOTINE	MG/CIG	0.92
RATIO SN/TAR	%	6.3
PUFF COUNT	NO./CIG	7.2
CO CARBON MONOXIDE	MG/CIG	13.7
NO NITROGEN MONOXIDE	MG/CIG	0.27

F I L L E R

ALKALOIDS, TOTAL	%	1.64
REDUCING SUGARS	%	8.5
NITRATE NITROGEN	%	0.27
AMMONIA NITROGEN	%	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	734
DENSITY AT 12.5 % OV	MG/ML	236
OV AT EQUILIBRIUM	%	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	944
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8
CIG. RTD	MM H2O	123
CIG. VENTILATION	%	
FIRMNESS AS IS	MM	2.43
OVEN VOLATILES AS IS	%	11.9
FIRMNESS AT 12.5 % OV	MM	2.67
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 165
FILTER RTD	MM H2O 62
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	
TIPPING, PERFO. LINES	NO.

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2500077871

NO

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BELINDA	BELINDA SUPER KINGS	CABALLERO	CAMEL	CAMEL MILD	+CHESTER- FIELD
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	BAT NL	BAT NL	LAURENS NL	REYNOLD NL	REYNOLD NL	MUNICH
	CIGARETTE CODE	BEKAC	BEJAC	CBPAC	CAKCC	CAHDC	CEG06
	SIZE/NB PER PACK	KS F/25	100 F/25	KS F/25	KS F/25	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 00 2	B 00 2	B 01 2	B 00 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.8	14.9	17.9	18.2	14.3	17.3
DPM DRY.PARTIC.MATTER	MG/CIG	6.4	13.8	16.1	15.8	12.6	14.8
TAR (=TPM-SN-H2O)	MG/CIG	6.0	13.0	15.0	14.8	11.8	13.8
SN SMOKE NICOTINE	MG/CIG	0.42	0.80	1.17	1.01	0.84	0.96
RATIO SN/TAR	%	7.0	6.2	7.8	6.8	7.2	7.0
PUFF COUNT	NO./CIG	8.6	9.7	8.0	8.2	7.5	8.3
CO CARBON MONOXIDE	MG/CIG	5.8	16.0	10.2	14.8	12.6	13.7
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.18	0.10	0.23	0.20	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.33	1.41	2.01	1.85	1.84	1.86
REDUCING SUGARS	%	11.4	11.2	9.3	7.4	9.0	6.4
NITRATE NITROGEN	%	0.16	0.16	0.13	0.26	0.24	0.17
AMMONIA NITROGEN	%	0.09	0.08	0.09	0.16	0.13	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	806	909	763	775	747	752
DENSITY AT 12.5 % OV	MG/ML	256	256	249	251	241	244
OV AT EQUILIBRIUM	%	12.7	13.0	12.2	13.0	13.1	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1016	1179	967	989	973	969
CIG. LENGTH, TOTAL	MM	84	99	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.97/25.0	7.92/24.8	7.94/24.9	7.90/24.8	7.94/24.9	7.90/24.8
CIG. RTD	MM H2O	97	132	85	103	112	102
CIG. VENTILATION	%	47	17	19	14	17	13
FIRMNESS AS IS	MM	2.31	2.26	3.19	3.13	3.41	2.84
OVEN VOLATILES AS IS	%	12.3	12.5	13.1	13.2	13.7	12.7
FIRMNESS AT 12.5 % OV	MM	2.38	2.28	2.95	2.85	2.95	2.76
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	27	22	21	21	21
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	157	209	161	159	171	158
FILTER RTD	MM H2O	66	68	48	64	81	63
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	31	26	25	25	25
TIPPING PAPER TYPE	IC	IC	ICD	IC	IC	IC	IC
TIPPING PERFO. TYPE	MLPM	MLPM	EPZ	EPZ	LPM	MLPM	EPZ
TIPPING, PERFO. LINES	NO.	1			1	1	

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NL

+ PME Brand () Converted values = PME specifications * Comments

2500077872

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD NON FILTER LAURENS	DUNHILL	GAULOISES BLONDES	GLADSTONE MILD	+HUNTER	+L & M
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER		TURMAC INT	TURMAC INT	BAT NL	JUBILE	MUNICH
	CIGARETTE CODE	CER07	DHFLC	GBAGC	GMFAC	HUK03	LMT01
	SIZE/NO PER PACK	REG N/20	KS F/20	KS F/20	KS F/25	KS N/25	KS F/25
	SAMPLING CODE	A 00 2	B 02 2	B 01 2	B 01 2	A 01 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.4	18.0	17.5	13.2	19.1	17.1
DPM DRY.PARTIC.MATTER	MG/CIG	16.2	15.8	14.7	11.9	17.6	14.7
TAR (=TPM-SN-H2O)	MG/CIG	15.2	14.8	13.9	11.2	16.5	13.7
SN SMOKE NICOTINE	MG/CIG	0.99	1.01	0.82	0.69	1.10	0.97
RATIO SN/TAR	%	6.5	6.8	5.9	6.2	6.7	7.1
PUFF COUNT	NO./CIG	7.0	7.8	7.8	8.5	8.6	8.3
CO CARBON MONOXIDE	MG/CIG	7.9	12.5	15.4	13.5	9.7	13.8
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.10	0.23	0.11	0.07	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.74	1.62	1.77	1.51	1.53	1.81
REDUCING SUGARS	%	7.7	13.3	7.1	12.4	12.8	6.5
NITRATE NITROGEN	%	0.19	0.11	0.22	0.12	0.13	0.17
AMMONIA NITROGEN	%	0.18	0.07	0.12	0.09	0.08	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	869	742	776	793	1054	751
DENSITY AT 12.5 % OV	MG/ML	244	243	245	255	254	243
OV AT EQUILIBRIUM	%	13.8	12.1	13.1	13.3	12.6	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	935	955	984	1005	1117	970
CIG. LENGTH, TOTAL	MM	70	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	8.05/25.2	7.92/24.8	7.93/24.9	7.92/24.8	7.93/24.9	7.90/24.8
CIG. RTD	MM H2O	47	109	122	123	46	102
CIG. VENTILATION	%				17		13
FIRMNESS AS IS	MM	2.64	3.06	2.80	2.27	3.26	2.84
OVEN VOLATILES AS IS	%	12.3	12.7	12.7	12.3	12.2	12.6
FIRMNESS AT 12.5 % OV	MM	2.71	2.97	2.72	2.35	3.42	2.81
CIG. PAP. VENTIL. SYST.	EP					EP	

F I L T E R

FILTER TYPE		S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	20	21	21
FILTER-LENGTH PLUG 1	MM				
FILTER-LENGTH PLUG 2	MM				
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE					
FILTER WEIGHT	MG/FIL	167	154	154	158
FILTER RTD	MM H2O	52	67	69	63
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	26	24	25	25
TIPPING PAPER TYPE		ICD	IC	IC	IC
TIPPING PERFO. TYPE				NLPS	EPZ
TIPPING,PERFO. LINES	NO.			1	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	LUCKY STRIKE	MANTANO	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS MUNICH
NL-NETHERLAND	PROD. CENTERS OR MANUFACTURER	BAT NL	BAT NL	BERGEN OZ	BERGEN OZ	BERGEN OZ	
	CIGARETTE CODE	LSKEC	MMFAC	MLB20	MMX06	MLX01	MLI05
	SIZE/NB PER PACK	KS F/25	KS F/25	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 2	B 01 2	A 00 4	A 00 4	A 00 4	A 01 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.7	16.4	17.9	11.7	10.1	9.7
DPM DRY.PARTIC.MATTER	MG/CIG	15.4	14.3	15.3	10.7	9.2	8.7
TAR (=TPM-SN-H2O)	MG/CIG	14.3	13.5	14.4	10.0	8.6	8.2
SN SMOKE NICOTINE	MG/CIG	1.06	0.84	0.90	0.72	0.60	0.55
RATIO SN/TAR	%	7.4	6.2	6.2	7.3	7.0	6.7
PUFF COUNT	NO./CIG	8.3	8.1	8.1	9.8	7.6	7.8
CO CARBON MONOXIDE	MG/CIG	12.8	14.8	14.0	10.5	9.8	9.0
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.20	0.20	0.16	0.14	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.07	1.81	1.82	1.84	1.83	1.70
REDUCING SUGARS	%	7.4	9.1	7.8	8.2	7.9	4.7
NITRATE NITROGEN	%	0.20	0.20	0.20	0.20	0.20	0.19
AMMONIA NITROGEN	%	0.23		0.24	0.24	0.24	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	763	942	752	875	702	713
DENSITY AT 12.5 % OV	MG/ML	246	305	242	245	242	246
OV AT EQUILIBRIUM	%	13.1		14.2	14.2	14.2	13.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	974	1030	979	1154	970	975
CIG. LENGTH, TOTAL	MM	84	84	84	98	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.90/24.8	7.92/24.8	7.89/24.7	7.92/24.8	7.91/24.8
CIG. RTD	MM H2O	112	142	107	110	107	112
CIG. VENTILATION	%	21		14	40	36	30
FIRMNESS AS IS	MM	2.85	2.65	2.80	2.91	2.95	2.77
OVEN VOLATILES AS IS	%	13.6	13.3	12.7	12.9	12.9	12.8
FIRMNESS AT 12.5 % OV	MM	2.43	2.33	2.71	2.74	2.80	2.65
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	21	25	25	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	156	157	162	201	203	201
FILTER RTD	MM H2O	66	68	69	96	95	98
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	25	32	32	32
TIPPING PAPER TYPE		IC	IC	IC	ICWHDL	ICWHDL	WHDL
TIPPING PERFO. TYPE		LPM		EPZ	EPZ	EPZ	MLPS
TIPPING,PERFO. LINES	NO.	1					4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO MENTHOL	+MARLBORO 100'S	+MERCEDES	+MERIT	+MURATTI AMBASSADOR	PETER STUYVESANT EXTRA M. TURMAC INT
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	IXELLES	BERGEN OZ	JUBILE	BERGEN OZ	IXELLES	
	CIGARETTE CODE	MLN07	MLH01	MEC03	MER20	MAJ03	PSECC
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/25	KS F/20	KS F/20	KS F/25
	SAMPLING CODE	A 00 3	A 00 4	A 02 2	A 01 2	A 00 4	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.8	18.2	19.0	7.9	10.4	4.9
DPM DRY.PARTIC.MATTER	MG/CIG	16.2	16.2	16.8	7.2	9.5	4.7
TAR (=TPM-SN-H2O)	MG/CIG	15.3	15.2	15.7	6.7	8.9	4.2
SN SMOKE NICOTINE	MG/CIG	0.96	1.01	1.08	0.47	0.66	0.42
RATIO SN/TAR	%	6.3	6.7	6.9	7.0	7.5	10.1
PUFF COUNT	NO./CIG	8.0	9.7	8.6	7.9	7.9	7.7
CO CARBON MONOXIDE	MG/CIG	14.9	14.1	19.6	9.2	9.6	4.0
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.21	0.14	0.14	0.10	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.81	1.82	1.57	1.81	1.65	1.90
REDUCING SUGARS	%	7.9	8.0	12.1	7.2	10.9	10.7
NITRATE NITROGEN	%	0.19	0.21	0.12	0.23	0.13	0.16
AMMONIA NITROGEN	%	0.21	0.25	0.09	0.19	0.08	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	741	879	816	705	702	643
DENSITY AT 12.5 % OV	MG/ML	240	247	260	242	228	220
OV AT EQUILIBRIUM	%	14.0	14.3	12.5	13.8	12.7	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	967	1153	1108	977	998	875
CIG. LENGTH, TOTAL	MM	84	98	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.87/24.7	7.90/24.8	7.93/24.9	7.89/24.7	7.94/24.9
CIG. RTD	MM H2O	106	114	132	120	104	89
CIG. VENTILATION	%	10	20		39	36	59
FIRMNESS AS IS	MM	2.71	2.81	2.91	2.86	2.28	2.81
OVEN VOLATILES AS IS	%	12.4	12.8	10.8	12.7	11.6	12.7
FIRMNESS AT 12.5 % OV	MM	2.76	2.69	3.60	2.78	2.64	2.75
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	D	S	D	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	25	21	25
FILTER-LENGTH PLUG 1	MM		8.0		8.0	
FILTER-LENGTH PLUG 2	MM		12.0		13.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE			AC		AC	
FILTER WEIGHT	MG/FIL	162	198	242	208	244
FILTER RTD	MM H2O	69	71	77	111	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	29	25	32	25
TIPPING PAPER TYPE	IC	ICD	WHGRD	ICWHDL	WHGRD	ICD
TIPPING PERFO. TYPE	EPZ	EPZ		EPZ	MLPS	MLPM
TIPPING, PERFO. LINES	NO.				2	1

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NL

+ PME Brand () Converted values = PME specifications * Comments

250007875

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PETER STUYVESANT	+PHILIP MORRIS LIGHTS	+PHILIP MORRIS NON FILTER	+PHILIP MORRIS SUPER L. BERGEN OZ	+PHILIP MORRIS ULTRA LGTS MUNICH	+RAFFLES 100'S
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	TURMAC INT	IXELLES	JUBILE			CARROLL
	CIGARETTE CODE	PSKAC	PML02	PMR03	PMS06	PMU08	RAH05
	SIZE/NB PER PACK	KS F/25	KS F/20	REG N/25	KS F/20	KS F/20	100 F/10
	SAMPLING CODE	B 01 2	A 00 3	A 00 3	A 00 4	A 00 4	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.8	10.3	21.5	4.4	2.7	14.3
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	9.4	19.2	4.1	2.5	13.0
TAR (=TPM-SN-H2O)	MG/CIG	14.0	8.7	18.2	3.8	2.3	12.0*
SN SMOKE NICOTINE	MG/CIG	1.07	0.63	1.01	0.31	0.23	1.09*
RATIO SN/TAR	%	7.6	7.2	5.5	8.1	9.8	9.2
PUFF COUNT	NO./CIG	8.6	7.7	7.8	7.6	7.4	9.2*
CO CARBON MONOXIDE	MG/CIG	10.8	9.7	10.8	4.0	2.7	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.13	0.10	0.06	0.04	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.83	1.50	2.07	2.54	2.28
REDUCING SUGARS	%	13.0	8.3	12.7	8.5	8.4	12.6
NITRATE NITROGEN	%	0.08	0.20	0.14	0.18	0.15	0.08
AMMONIA NITROGEN	%		0.28	0.12	0.14	0.14	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	766	694	934	656	598	869
DENSITY AT 12.5 % OV	MG/ML	250	241	271	226	208	237
OV AT EQUILIBRIUM	%	12.7	13.9	13.5	13.9	12.5	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	985	962	994	930	883	1124
CIG. LENGTH, TOTAL	MM	84	84	70	84	84	100
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.89/24.7	7.93/24.9	7.92/24.8	7.89/24.7	7.94/24.9
CIG. RTD	MM H2O	104	106	53	101	79	131
CIG. VENTILATION	%	19	36		64	66	13
FIRMNESS AS IS	MM	3.13	2.80	2.84	2.71	2.91	2.33
OVEN VOLATILES AS IS	%	13.4	12.6	12.0	12.7	11.8	11.4
FIRMNESS AT 12.5 % OV	MM	2.77	2.76	3.04	2.64	3.21	2.80
CIG. PAP. VENTIL. SYST.				EP			

F I L T E R

FILTER TYPE		S	S	S	D	S
FM FILTER MATERIAL		CA	CA	CA	CAP	CA
FILTER LENGTH, TOTAL	MM	22	25	25	25	26
FILTER-LENGTH PLUG 1	MM				16.0	
FILTER-LENGTH PLUG 2	MM				9.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	166	203	212	234	198
FILTER RTD	MM H2O	66	99	118	113	87
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	32	32	32	30
TIPPING PAPER TYPE	IC		ICWHDL	ICWHDL	ICWHDL	ICD
TIPPING PERFO. TYPE		EPZ	EPZ	MLPS	MLPS	EPZ
TIPPING, PERFO. LINES	NO.			4	5	

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+ PME Brand () Converted values = PME specifications * Comments

2500077876

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	ROXY DUAL EXTRA LIGHT	ROXY DUAL MILD	+RUNNER	+RUNNER MENTHOL	+RUNNER NON-FILTER	TIVOLI VERY MILD
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	NIEMEYER	NIEMEYER	JUBILE	JUBILE	JUBILE	LAURENS NL
	CIGARETTE CODE	RMUAC	RODAC	RUF04	RUM03	RUP03	TVNAC
	SIZE/NB PER PACK	KS F/25	KS F/25	KS F/25	KS F/25	KS N/25	KS F/25
	SAMPLING CODE	B 00 2	B 02 1	A 00 4	A 00 3	A 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.8	9.1	21.2	21.2	19.5	13.0
DPH DRY.PARTIC.MATTER	MG/CIG	6.3	8.3	18.1	18.1	18.1	12.0
TAR (=TPM-SN-H2O)	MG/CIG	5.9	7.8	17.0	17.1	16.9	11.0
SN SMOKE NICOTINE	MG/CIG	0.38	0.54	1.08	1.06	1.12	0.96
RATIO SN/TAR	%	6.5	7.0	6.4	6.2	6.6	8.7
PUFF COUNT	NO./CIG	7.6	8.0	8.4	8.7	8.7	8.2
CO CARBON MONOXIDE	MG/CIG	10.2	9.4	18.2	18.1	10.3	9.8
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.14	0.12	0.12	0.07	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.77	1.75	1.57	1.60	1.42	1.82
REDUCING SUGARS	%	8.6	7.8	11.5	12.6	11.8	11.8
NITRATE NITROGEN	%	0.19	0.19	0.12	0.12	0.11	0.07
AMMONIA NITROGEN	%	0.09	0.08	0.08	0.08	0.07	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	766	773	816	816	1019	773
DENSITY AT 12.5 % OV	MG/ML	249	253	259	259	246	254
OV AT EQUILIBRIUM	%	13.2	12.0	12.7	13.0	12.7	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1050	1020	1024	1028	1081	986
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.92/24.8	7.93/24.9	7.93/24.9	7.92/24.8	7.91/24.8
CIG. RTD	MM H2O	135	98	126	126	45	107
CIG. VENTILATION	%	19	22				17
FIRMNESS AS IS	MM	3.05	2.51	3.07	3.16	3.28	2.43
OVEN VOLATILES AS IS	%	13.2	12.0	12.2	12.6	11.9	12.4
FIRMNESS AT 12.5 % OV	MM	2.77	2.73	3.21	3.12	3.51	2.49
CIG. PAP. VENTIL. SYST.						EP	EP

F I L T E R

FILTER TYPE		D	D	S	S	S
FM FILTER MATERIAL		CAP	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	22	20	20	22
FILTER-LENGTH PLUG 1	MM	6.0	12.0			
FILTER-LENGTH PLUG 2	MM	16.0	10.0			
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	226	201	157	158	171
FILTER RTD	MM H2O	104	68	69	69	65
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	26	24	24	26
TIPPING PAPER TYPE	IC	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	LPS	LPS				EP2
TIPPING, PERFO. LINES	NO.	1	1			

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	REYNOLD NL
	CIGARETTE CODE	WIKQC
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.4
DPH DRY.PARTIC.MATTER	MG/CIG	16.1
TAR (=TPM-SN-H2O)	MG/CIG	15.1
SN SMOKE NICOTINE	MG/CIG	1.03
RATIO SN/TAR	%	6.8
PUFF COUNT	NO./CIG	8.6
CO CARBON MONOXIDE	MG/CIG	14.6
NO NITROGEN MONOXIDE	MG/CIG	0.25

F I L L E R

ALKALOIDS, TOTAL	%	1.86
REDUCING SUGARS	%	8.5
NITRATE NITROGEN	%	0.25
AMMONIA NITROGEN	%	
TOB. WT. AT 12.5 % OV	MG/CIG	785
DENSITY AT 12.5 % OV	MG/ML	251
OV AT EQUILIBRIUM	%	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	995
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9
CIG. RTD	MM H2O	101
CIG. VENTILATION	%	16
FIRMNESS AS IS	MM	2.87
OVEN VOLATILES AS IS	%	13.2
FIRMNESS AT 12.5 % OV	MM	2.59
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S	
FM FILTER MATERIAL	CA	
FILTER LENGTH, TOTAL	MM	21
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	156
FILTER RTD	MM H2O	65
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	25
TIPPING PAPER TYPE	IC	
TIPPING PERFO. TYPE	MLPM	
TIPPING, PERFO. LINES	NO.	1

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NL

+ PME Brand () Converted values = PME specifications * Comments

2500077878

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+GREEN SPOT MENTHOL	+LINK	+LINK NON FILTER	+TARGET
WN NIGERIA	PROD. CENTERS OR MANUFACTURER	ILORIN	ILORIN	ILORIN	ILORIN
	CIGARETTE CODE	GRN01	LIF01	LIP01	TGF01
	SIZE/MB PER PACK	LS F/20	LS F/20	LS N/20	KS F/10
	SAMPLING CODE	A 00 2	A 00 1	A 00 1	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.5	13.5	17.2	16.7
DPM DRY.PARTIC.MATTER	MG/CIG	13.9	11.8	15.5	14.5
TAR (=TPM-SN-H2O)	MG/CIG	13.1	11.0*	14.6*	13.7
SN SMOKE NICOTINE	MG/CIG	0.86	0.75*	0.88*	0.74
RATIO SN/TAR	%	6.6	6.8	6.0	5.4
PUFF COUNT	NO./CIG	7.7	8.2*	6.9*	8.2
CO CARBON MONOXIDE	MG/CIG	11.0	9.9	9.2	13.3
NO NITROGEN MONOXIDE	MG/CIG	0.12	0.11	0.08	0.10

F I L L E R

ALKALOIDS, TOTAL	%	1.35	1.29	1.28	1.01
REDUCING SUGARS	%	3.0	3.1	2.4	6.0
NITRATE NITROGEN	%	0.16	0.16	0.16	0.10
AMMONIA NITROGEN	%	0.10	0.11	0.13	0.07
TOB. WT. AT 12.5 % OV	MG/CIG	776	832	824	807
DENSITY AT 12.5 % OV	MG/ML	267	276	219	268
OV AT EQUILIBRIUM	%	11.7	11.7	11.9	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	955	1009	876	989
CIG. LENGTH, TOTAL	MM	79	80	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.79/24.4	7.87/24.7	7.74/24.3	7.62/23.9
CIG. RTD	MM H2O	116	128	43	134
CIG. VENTILATION	%				
FIRMNESS AS IS	MM	2.11	2.07	2.87	2.31
OVEN VOLATILES AS IS	%	12.3	14.1	13.3	12.1
FIRMNESS AT 12.5 % OV	MM	2.20	1.45	2.54	2.49
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE		S	S	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH,TOTAL	MM	18	18	18
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	135	135	136
FILTER RTD	MM H2O	58	60	55
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	23	23	23
TIPPING PAPER TYPE		IC	IC	IC
TIPPING PERFO. TYPE				
TIPPING,PERFO. LINES	NO.			

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WN

+ PME Brand () Converted values = PME specifications * Comments

2500077879

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BARCLAY	BILTMORE FULL FLAVOR	BILTMORE LIGHT	CAMEL	CAMEL EXTRA LIGHTS	CAMEL LIGHTS
NO-NORWAY	PROD. CENTERS OR MANUFACTURER	SUOMEN TUP	TIEDEMANN'S	TIEDEMANN'S	REYNOLD CH	REYNOLD CH	REYNOLD CH
	CIGARETTE CODE	BAXIC	BINAC	BIOAC	CAKNC	CCDBC	CAMEC
	SIZE/NO PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 01 1	B 03 1	B 03 1	B 01 1	B 01 1	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.4	22.5	19.0	19.4	6.6	9.3
DPM DRY.PARTIC.MATTER	MG/CIG	5.9	18.3	16.2	16.5	6.2	8.4
TAR (=TPM-SN-H2O)	MG/CIG	5.4	17.1	15.0	15.4*	5.7	7.8
SN SMOKE NICOTINE	MG/CIG	0.54	1.18	1.20	1.08*	0.52	0.67
RATIO SN/TAR	%	10.1	6.9	8.0	7.0	9.1	8.6
PUFF COUNT	NO./CIG	7.2	8.4	9.3	7.3*	7.4	7.5
CO CARBON MONOXIDE	MG/CIG	6.2	18.3	15.2	13.9	5.7	7.4
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.11	0.13	0.19	0.09	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.50	1.74	1.84	1.86	2.06	2.03
REDUCING SUGARS	%	6.8	9.6	10.9	7.9	6.9	8.5
NITRATE NITROGEN	%	0.17	0.09	0.12	0.20	0.23	0.21
AMMONIA NITROGEN	%	0.10	0.05	0.12	0.09	0.12	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	591	793	820	626*	650	642
DENSITY AT 12.5 % OV	MG/ML	209	248	255	202	209	207
OV AT EQUILIBRIUM	%	11.9	12.7	13.3	12.1	11.9	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	892	1002	1120	831	873	843
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.97/25.0	8.00/25.1	7.91/24.8	7.94/24.9	7.92/24.8
CIG. RTD	MM H2O	34	116	96	95	104	87
CIG. VENTILATION	%	81	13	13	16*	50	46
FIRMNESS AS IS	MM	2.12	1.42	1.90	2.24	2.47	2.57
OVEN VOLATILES AS IS	%	11.0	8.4	11.1	10.8	11.2	11.9
FIRMNESS AT 12.5 % OV	MM	2.74	3.06	2.48	2.91	2.99	2.81
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		FFS	S	D	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	27	20	20	21	21	21
FILTER-LENGTH PLUG 1	MM			5.0			
FILTER-LENGTH PLUG 2	MM			15.0			
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE				AC			
FILTER WEIGHT	MG/FIL	257	156	239	157	175	154
FILTER RTD	MM H2O	123	71	67	47	97	64
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	24	24	25	25	25
TIPPING PAPER TYPE		ICWHDL	IC	IC	IC	ICD	IC
TIPPING PERFO. TYPE		MPS		EPZ	EPZ	MLPS	MLPS
TIPPING,PERFO. LINES	NO.	3				4	3

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NO

+ PME Brand () Converted values = PME specifications * Comments

2500077880

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	DUNHILL SPECIAL LIGHT SULLANA	+L & M FULL FLAVOR SERRIERES	LUCKY STRIKE SUOMEN TUP	+MARLBORO KING SIZE SERRIERES	+MARLBORO LIGHTS SERRIERES	+MARLBORO MENTHOL LIGHTS SERRIERES
NO NORWAY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	DH0BC	LM001	LSBDC	MLK15	MLY04	MLI03
	SIZE/NO PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 03 1	A 00 2	B 01 2	A 00 4	A 00 4	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.0	18.8	17.1	18.2	12.2	12.0
DPM DRY.PARTIC.MATTER	MG/CIG	8.4	16.1	15.0	15.4	10.8	10.8
TAR (=TPM-SN-H2O)	MG/CIG	7.8	14.9	14.0	14.5	10.2	10.0
SN SMOKE NICOTINE	MG/CIG	0.61	1.09	1.05	0.93	0.70	0.77
RATIO SN/TAR	%	7.8	7.3	7.5	6.4	6.9	7.7
PUFF COUNT	NO./CIG	7.7	8.6	9.0	8.3	7.6	7.7
CO CARBON MONOXIDE	MG/CIG	6.3	15.0	11.9	14.1	11.1	10.9
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.17	0.22	0.19	0.16	0.14

F I L L E R

ALKALOIDS, TOTAL	%	1.67	1.90	1.88	1.79	1.77	2.04
REDUCING SUGARS	%	8.9	7.5	6.0	7.5	7.7	10.4
NITRATE NITROGEN	%	0.25	0.19	0.21	0.21	0.21	0.18
AMMONIA NITROGEN	%	0.25	0.19	0.23	0.26	0.26	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	716	791	750	756	687	635
DENSITY AT 12.5 % OV	MG/ML	233	253	237	243	249	232
OV AT EQUILIBRIUM	%	12.4	13.1	12.4	13.5	13.3	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	932	1002	961	977	935	874
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.95/24.9	7.94/24.9	7.93/24.9	7.92/24.8	7.88/24.7
CIG. RTD	MM H2O	92	108	115	111	114	114
CIG. VENTILATION	%	47	15	28	14	22	29
FIRMNESS AS IS	MM	3.26	2.99	2.03	2.77	2.61	2.77
OVEN VOLATILES AS IS	%	13.2	12.4	11.6	12.5	12.7	12.6
FIRMNESS AT 12.5 % OV	MM	3.00	3.03	2.42	2.78	2.56	2.76
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	21	20	21	28
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	167	156	162	162	193
FILTER RTD	MM H2O	68	63	76	68	84
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	25	24	25	32
TIPPING PAPER TYPE	ICD	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	MLPS/M		EPZ	MLPM	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	5		1		

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NO

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MERIT	+MERIT MENTHOL ULTRA L.	PALL MALL EXTRA MILD	PALL MALL MILD	+PHILIP MORRIS MULTIFILT.	PRINCE
NO NORWAY	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SUOMEN TUP	SUOMEN TUP	SERRIERES	TIEDEMANN'S
	CIGARETTE CODE	MER13	MEW01	PBEAC	PEMAC	PMM04	PCBAC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 2	B 01 2	B 01 2	A 02 2	B 01 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	7.8	4.1	11.1	15.1	15.3	21.6
DPM DRY.PARTIC.MATTER	MG/CIG	7.1	3.8	10.1	13.2	13.2	18.7
TAR (=TPM-SN-H2O)	MG/CIG	6.6	3.5	9.4	12.4	12.3	17.3*
SN SMOKE NICOTINE	MG/CIG	0.50	0.31	0.71	0.81	0.87	1.37*
RATIO SN/TAR	%	7.7	9.0	7.6	6.5	7.1	7.9
PUFF COUNT	NO./CIG	7.6	8.0	8.0	7.8	7.5	8.7
CO CARBON MONOXIDE	MG/CIG	8.9	4.4	7.7	11.5	14.9	16.3
NO NITROGEN MONOXIDE	MG/CIG	0.15	0.07	0.09	0.13	0.11	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.90	1.95	1.58	1.55	1.71	2.20
REDUCING SUGARS	%	7.2	8.6	9.0	8.9	10.2	7.0
NITRATE NITROGEN	%	0.26	0.20	0.15	0.16	0.13	0.20
AMMONIA NITROGEN	%	0.18	0.16	0.12	0.13	0.08	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	677	636	722	721	710	791
DENSITY AT 12.5 % OV	MG/ML	246	230	229	228	229	242
OV AT EQUILIBRIUM	%	13.5	13.4	12.7	12.5	12.4	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	960	919	928	927	1003	1006
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.93/24.9	7.92/24.8	7.93/24.9	7.92/24.8	8.06/25.3
CIG. RTD	MM H2O	123	100	89	107	135	97
CIG. VENTILATION	%	37	63	42	23		16
FIRMNESS AS IS	MM	2.78	2.49	2.13	2.31	2.85	2.62
OVEN VOLATILES AS IS	%	12.8	12.1	11.8	11.5	12.0	10.9
FIRMNESS AT 12.5 % OV	MM	2.70	2.66	2.43	2.72	3.06	3.27
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	D	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	20	20	20
FILTER-LENGTH PLUG 1	MM				10.0	
FILTER-LENGTH PLUG 2	MM				11.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE					AC	
FILTER WEIGHT	MG/FIL	228	229	154	157	242
FILTER RTD	MM H2O	116	121	57	57	77
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	24	24	25
TIPPING PAPER TYPE	ICWHDL	ICWHDL	WH	WH	WHGRD	IC
TIPPING PERFO. TYPE	EPZ	MLPS	MLPM	MLPM		MSLP*
TIPPING, PERFO. LINES	NO.	6	1	1		6*

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NO

+ PME Brand () Converted values = PME specifications * Comments

2500077882

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PRINCE EXTRA MILD	PRINCE MILD
NO NORWAY	PROD. CENTERS OR MANUFACTURER	TIEDEMANN'S	TIEDEMANN'S
	CIGARETTE CODE	PCOAC	PCMAC
	SIZE/MB PER PACK	KS F/20	KS F/20
	SAMPLING CODE	B 01 1	B 01 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	12.3	16.0
DPM DRY.PARTIC.MATTER	MG/CIG	11.1	14.1
TAR (=TPM-SN-H2O)	MG/CIG	10.2*	13.0*
SN SMOKE NICOTINE	MG/CIG	0.91*	1.09*
RATIO SN/TAR	%	8.9	8.4
PUFF COUNT	NO./CIG	9.3	9.0*
CO CARBON MONOXIDE	MG/CIG	10.9	13.4
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.14

F I L L E R

ALKALOIDS, TOTAL	%	2.20	2.17
REDUCING SUGARS	%	6.4	6.8
NITRATE NITROGEN	%	0.20	0.17
AMMONIA NITROGEN	%	0.10	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	791	776
DENSITY AT 12.5 % OV	MG/ML	241	244
OV AT EQUILIBRIUM	%	12.9	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1023	1017
CIG. LENGTH, TOTAL	MM	84	84
CIG. DIAMETER/CIRCUMFER.	MM	8.08/25.3	7.95/24.9
CIG. RTD	MM H2O	102	109
CIG. VENTILATION	%	42	27
FIRMNESS AS IS	MM	2.68	2.43
OVEN VOLATILES AS IS	%	11.7	11.4
FIRMNESS AT 12.5 % OV	MM	3.01	2.86
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH,TOTAL	MM	20	20
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	HG/FIL	175	183
FILTER RTD	MM H2O	87	79
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	24	24
TIPPING PAPER TYPE		IC	IC
TIPPING PERFO. TYPE		MSLP*	MSL
TIPPING,PERFO. LINES	NO.	8*	8*

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NO

+ PME Brand () Converted values = PME specifications * Comments

2500077883

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CONGRESS	+L & M	+L & M	+MARLBORO KING SIZE
PL POLAND	PROD. CENTERS OR MANUFACTURER	CURITIBA	SERRIERES	CURITIBA	KRAKOW
	CIGARETTE CODE	CON01	LMK21	LMN03	MLK49
	SIZE/MB PER PACK	LS F/20	KS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.6	19.6	18.5	21.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	16.6	15.6	17.7
TAR (=TPM-SN-H2O)	MG/CIG	14.7	15.7*	14.7	16.6
SN SMOKE NICOTINE	MG/CIG	0.92	0.90*	0.95	1.01
RATIO SN/TAR	%	6.3	5.7	6.5	6.1
PUFF COUNT	NO./CIG	7.7	8.2*	7.6	7.9
CO CARBON MONOXIDE	MG/CIG	15.6	16.5	15.4	17.5
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.21	0.20	0.23

F I L L E R

ALKALOIDS, TOTAL	%	1.59	1.63	1.67	1.69
REDUCING SUGARS	%	9.8	9.2	9.6	8.3
NITRATE NITROGEN	%	0.19	0.19	0.20	0.20
AMMONIA NITROGEN	%	0.23	0.24	0.23	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	718	790	721	783
DENSITY AT 12.5 % OV	MG/ML	248	255	251	251
OV AT EQUILIBRIUM	%	12.8	12.9	12.4	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	922	1002	924	1002
CIG. LENGTH, TOTAL	MM	80	84	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5	7.92/24.8	7.82/24.5	7.95/24.9
CIG. RTD	MM H2O	111	124	111	117
CIG. VENTILATION	%	9	9	9	9
FIRMNESS AS IS	MM	2.75	2.83	2.66	2.65
OVEN VOLATILES AS IS	%	12.6	12.3	12.2	11.4
FIRMNESS AT 12.5 % OV	MM	2.73	2.94	2.78	3.09
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	20
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	152	160	154
FILTER RTD	MM H2O	65	67	67
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	25	24
TIPPING PAPER TYPE	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ		EPZ	
TIPPING, PERFO. LINES	NO.			

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PL

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	
PO PORTUGAL	PROD. CENTERS OR MANUFACTURER	+MARLBORO LIGHTS IXELLES
	CIGARETTE CODE	MLX23
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.2
DPM DRY.PARTIC.MATTER	MG/CIG	9.2
TAR (=TPM-SN-H2O)	MG/CIG	8.6
SN SMOKE NICOTINE	MG/CIG	0.60
RATIO SN/TAR	%	7.0
PUFF COUNT	NO./CIG	7.5
CO CARBON MONOXIDE	MG/CIG	10.3
NO NITROGEN MONOXIDE	MG/CIG	0.15

F I L L E R

ALKALOIDS, TOTAL	%	1.83
REDUCING SUGARS	%	8.0
NITRATE NITROGEN	%	0.20
AMMONIA NITROGEN	%	0.24
TOB. WT. AT 12.5 % OV	MG/CIG	690
DENSITY AT 12.5 % OV	MG/ML	238
OV AT EQUILIBRIUM	%	14.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	962
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	109
CIG. VENTILATION	%	33
FIRMNESS AS IS	MM	2.76
OVEN VOLATILES AS IS	%	12.4
FIRMNESS AT 12.5 % OV	MM	2.79
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		S
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	25
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	206
FILTER RTD	MM H2O	97
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	32
TIPPING PAPER TYPE		ICWHDL
TIPPING PERFO. TYPE		EPZ
TIPPING, PERFO. LINES	NO.	

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	JUBILEE
QU QATAR	PROD. CENTERS OR MANUFACTURER	ROTHMANS
	CIGARETTE CODE	JUBEC
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	13.3
DPM DRY.PARTIC.MATTER	MG/CIG	11.8
TAR (=TPM-SN-H2O)	MG/CIG	11.2
SN SMOKE NICOTINE	MG/CIG	0.65
RATIO SN/TAR	%	5.9
PUFF COUNT	NO./CIG	7.7
CO CARBON MONOXIDE	MG/CIG	9.1
NO NITROGEN MONOXIDE	MG/CIG	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.18
REDUCING SUGARS	%	13.0
NITRATE NITROGEN	%	0.07
AMMONIA NITROGEN	%	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	790
DENSITY AT 12.5 % OV	MG/ML	250
OV AT EQUILIBRIUM	%	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	989
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9
CIG. RTD	MM H2O	91
CIG. VENTILATION	%	19
FIRMNESS AS IS	MM	2.78
OVEN VOLATILES AS IS	%	11.7
FIRMNESS AT 12.5 % OV	MM	3.13
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		S
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	153
FILTER RTD	MM H2O	52
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE		IC
TIPPING PERFO. TYPE		MLPS
TIPPING, PERFO. LINES	NO.	2

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO KING SIZE
RE REUNION	PROD. CENTERS OR MANUFACTURER	CORETAB
	CIGARETTE CODE	MLB12
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.8
DEPM DRY.PARTIC.MATTER	MG/CIG	14.5
TAR (=TPM-SN-H2O)	MG/CIG	13.6
SN SMOKE NICOTINE	MG/CIG	0.90
RATIO SN/TAR	%	6.6
PUFF COUNT	NO./CIG	8.4
CO CARBON MONOXIDE	MG/CIG	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.72
REDUCING SUGARS	%	7.0
NITRATE NITROGEN	%	0.21
AMMONIA NITROGEN	%	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	774
DENSITY AT 12.5 % OV	MG/ML	247
OV AT EQUILIBRIUM	%	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	987
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	113
CIG. VENTILATION	%	18
FIRMNESS AS IS	MM	2.49
OVEN VOLATILES AS IS	%	12.3
FIRMNESS AT 12.5 % OV	MM	2.56
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		S
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	157
FILTER RTD	MM H2O	68
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE		IC
TIPPING PERFO. TYPE		EPZ
TIPPING, PERFO. LINES	NO.	

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BOND STREET	+CONGRESS	+L & M	+MARLBORO LIGHTS
SU RUSSIA	PROD. CENTERS OR MANUFACTURER	MERLO	CURITIBA	CURITIBA	SERRIERES
	CIGARETTE CODE	BSK04	COM01	LMN03	MLX30
	SIZE/NB PER PACK	KS F/20	LS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 3	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.2	18.6	18.5	9.8
DPH DRY.PARTIC.MATTER	MG/CIG	15.3	15.6	15.6	8.9
TAR (=TPM-SN-H2O)	MG/CIG	14.4	14.7	14.7	8.3
SN SMOKE NICOTINE	MG/CIG	0.87	0.92	0.95	0.62
RATIO SN/TAR	%	6.0	6.3	6.5	7.5
PUFF COUNT	NO./CIG	7.6	7.7	7.6	7.9
CO CARBON MONOXIDE	MG/CIG	15.5	15.6	15.4	9.7
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.19	0.20	0.14

F I L L E R

ALKALOIDS, TOTAL	%	1.54	1.59	1.67	1.78
REDUCING SUGARS	%	9.4	9.8	9.6	7.6
NITRATE NITROGEN	%	0.20	0.19	0.20	0.21
AMMONIA NITROGEN	%	0.19	0.23	0.23	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	748	718	721	677
DENSITY AT 12.5 % OV	MG/ML	243	248	251	246
OV AT EQUILIBRIUM	%	12.2	12.8	12.4	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	947	922	924	948
CIG. LENGTH, TOTAL	MM	84	80	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.83/24.5	7.82/24.5	7.82/24.5	7.92/24.8
CIG. RTD	MM H2O	112	111	111	111
CIG. VENTILATION	%		9	9	36
FIRMNESS AS IS	MM	2.26	2.75	2.66	2.74
OVEN VOLATILES AS IS	%	11.7	12.6	12.2	12.5
FIRMNESS AT 12.5 % OV	MM	2.57	2.73	2.78	2.75
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	28
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	151	152	154
FILTER RTD	MM H2O	60	65	67
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	24	32
TIPPING PAPER TYPE	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.			

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BARCLAY	BARCLAY ULTRA LIGHTS	BARCLAY 100'S	BENSON & HEDGES SPECIAL F.	CARLTON 100'S	CARTIER VENDOME LIGHTS
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	BRWN+WILAM	BRWN+WILAM	BRWN+WILAM	GALLAHER	AMERICAN T	ROTHMANS
	CIGARETTE CODE	BAXHC	BENBC	BBABC	BNFEC	CAYAC	CBCHC
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20
	SAMPLING CODE	B 00 2	B 00 3	B 00 2	B 00 3	B 00 1	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.8	3.1	4.6	10.1	1.1	4.9
DPM DRY.PARTIC.MATTER	MG/CIG	4.5	2.9	4.2	8.9	1.1	4.7
TAR (=TPM-SM-H2O)	MG/CIG	4.1	2.7	3.9	8.2	0.9*	4.3
SN SMOKE NICOTINE	MG/CIG	0.35	0.25	0.33	0.72	0.11	0.42
RATIO SN/TAR	%	8.6	9.5	8.4	8.9	11.5	9.9
PUFF COUNT	NO./CIG	8.0	7.7	9.7	7.5	7.5	8.6
CO CARBON MONOXIDE	MG/CIG	4.7	4.4	3.8			
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.05	0.09			

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.84	1.73	1.91	2.14	1.82
REDUCING SUGARS	%	6.7	7.0	6.8	12.6	7.4	9.5
NITRATE NITROGEN	%	0.26	0.19	0.25	0.09	0.30	0.15
AMMONIA NITROGEN	%	0.29	0.07	0.25	0.04	0.13	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	675	646	821	738	558*	674
DENSITY AT 12.5 % OV	MG/ML	241	231	239	233	172	222
OV AT EQUILIBRIUM	%	12.5	11.6	12.2	12.2	12.1	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	998	943	1161	946	863	889
CIG. LENGTH, TOTAL	MM	84	84	97	84	99	94
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.91/24.8	7.92/24.8	7.95/24.9	7.78/24.4	7.49/23.5
CIG. RTD	MM H2O	35	85	62	121	80	93
CIG. VENTILATION	%	87	70	83	33	82	63
FIRMNESS AS IS	MM	2.56	2.52	2.75	2.61	2.70	3.05
OVEN VOLATILES AS IS	%	11.9	11.7	12.2	12.8	11.9	12.8
FIRMNESS AT 12.5 % OV	MM	2.82	2.85	2.89	2.50	2.93	2.94
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		FFS	D	FFS	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	27	27	27	20	31*	25
FILTER-LENGTH PLUG 1	MM		15.0				
FILTER-LENGTH PLUG 2	MM		12.0				
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	272	256	278	151	253*	167
FILTER RTD	MM H2O	103	128	114	82	129*	91
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	36	25	35	29
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	IC	WHDL	WHD
TIPPING PERFO. TYPE		MPS/MLPM	MLPM	MPS/LPM	MLPM	MLPM	MLPS
TIPPING,PERFO. LINES	NO.	4	1	3	1	1	8

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CHAMPION MILD MENTHOL FORTUNE TO	CLEOPATRA EASTERN TO	CLEOPATRA 100'S EASTERN TO	DUNHILL ROTHMANS	DUNHILL SPECIAL LIGHTS ROTHMANS	GALLANT EXPORT BURRUS CH
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	CHOAC	CLPDC	CLQCC	DHFM C	DHQCC	GAEAC
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 3	B 00 2	B 00 3	B 02 2	B 00 3

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	15.7	13.7	12.9	8.2	9.7	14.0
DPM DRY. PARTIC. MATTER	MG/CIG	14.3	12.6	12.0	7.6	8.5	11.9
TAR (=TPM-SN-H2O)	MG/CIG	13.3	11.9	11.4	7.0	7.9	11.2
SN SMOKE NICOTINE	MG/CIG	1.04	0.70	0.66	0.60	0.60	0.72
RATIO SN/TAR	%	7.8	5.9	5.8	8.6	7.6	6.5
PUFF COUNT	NO./CIG	10.4	9.6	11.7	8.1	6.7	7.8
CO CARBON MONOXIDE	MG/CIG	9.0	11.3				12.9
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.18				0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.91	1.21	1.21	1.63	1.76	1.62
REDUCING SUGARS	%	10.8	10.6	11.2	11.7	7.4	8.8
NITRATE NITROGEN	%	0.11	0.20	0.16	0.08	0.16	0.21
AMMONIA NITROGEN	%	0.04	0.08	0.08	0.07	0.09	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	843	837	1008	785	741	771
DENSITY AT 12.5 % OV	MG/ML	265	276	280	245	232	253
OV AT EQUILIBRIUM	%	11.9	12.0	12.4	12.3	11.6	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1067	1070	1283	988	955	984
CIG. LENGTH, TOTAL	MM	84	84	99	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	8.02/25.1	8.09/25.4	8.15/25.5	8.00/25.1	7.97/25.0	7.92/24.8
CIG. RTD	MM H2O	96	97	108	96	128	140
CIG. VENTILATION	%	43	31	37	37	17	
FIRMNESS AS IS	MM	2.58	2.83	2.96	2.44	2.26	2.20
OVEN VOLATILES AS IS	%	11.9	12.5	13.5	12.2	12.4	11.9
FIRMNESS AT 12.5 % OV	MM	2.81	2.86	2.56	2.58	2.31	2.46
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	30	20	20	22
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	178	190	219	151	165	167
FILTER RTD	MM H2O	74	69	81	68	82	72
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	30	34	24	26	26
TIPPING PAPER TYPE		WHD	WH	WH	ICD	WHD	IC
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	EPZ	EPZ	
TIPPING,PERFO. LINES	NO.	4	2	2			

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+ PME Brand () Converted values = PME specifications * Comments

2500077890

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	GALLANT MILD	GOLD COAST	GOLD COAST LIGHTS	GOLD COAST ULTRA LIGHTS	HOPE 100'S MENTHOL	KAMARAN
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	BURRUS CH	REYNOLDS	REYNOLD CH	REYNOLDS	FORTUNE TO	N T M C
	CIGARETTE CODE	GACAC	GORCC	GLYAC	GPAAC	HORAC	KAMAC
	SIZE/NO PER PACK	KS F/20	LS F/20	LS F/20	LS F/20	100 F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 3	B 00 3	B 00 3	B 00 2	B 00 3
S M O K E							
TPM TOT. PARTIC. MATTER	MG/CIG	7.9	12.4	7.8	2.7	16.1	11.6
DPM DRY. PARTIC. MATTER	MG/CIG	7.3	10.6	7.1	2.5	14.1	10.4
TAR (=TPM-SN-H2O)	MG/CIG	6.8	10.0	6.6	2.3	13.4	9.6
SN SMOKE NICOTINE	MG/CIG	0.49	0.58	0.43	0.18	0.67	0.79
RATIO SN/TAR	%	7.2	5.8	6.6	8.0	5.1	8.2
PUFF COUNT	NO./CIG	7.9	6.8	6.8	7.1	7.1	8.3
CO CARBON MONOXIDE	MG/CIG	6.9	12.3			14.2	
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.27			0.13	
F I L L E R							
ALKALOIDS, TOTAL	%	1.54	1.44	1.40	1.45	1.41	1.71
REDUCING SUGARS	%	7.9	7.8	8.1	7.6	9.4	10.9
NITRATE NITROGEN	%	0.20	0.38	0.34	0.37	0.14	0.10
AMMONIA NITROGEN	%	0.10	0.14	0.13	0.12	0.09	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	730	667	662	647	661	829
DENSITY AT 12.5 % OV	MG/ML	239	230	232	225	181	267
OV AT EQUILIBRIUM	%	12.4	12.0	12.2	11.9	11.5	12.2
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	942	864	868	854	888	1049
CIG. LENGTH, TOTAL	MM	84	79	79	79	100	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.98/25.0	7.91/24.8	7.95/24.9	7.92/24.8	7.87/24.7
CIG. RTD	MM H2O	93	113	99	97	151	123
CIG. VENTILATION	%	47	14	37	66	16	16
FIRMNESS AS IS	MM	2.50	2.94	2.94	2.68	2.76	2.33
OVEN VOLATILES AS IS	%	11.9	12.7	12.5	12.0	12.6	12.5
FIRMNESS AT 12.5 % OV	MM	2.78	2.89	2.97	2.89	2.75	2.36
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE	S	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	21	21	21	25	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL. ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	164	157	162	164	174	168
FILTER RTD	MM H2O	72	85	84	112	59	79
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	26	25	25	25	30	24
TIPPING PAPER TYPE	ICD	IC	WHD	WHD	WHD	ICD	ICD
TIPPING PERFO. TYPE	MLPS	EPZ	MLPS	MLPS	MLPS	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	4	3	4	4		

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	KENT KING SIZE	KENT LIGHTS DE LUXE	+L & M	+L & M LIGHTS	+L & M MENTHOL LONGS	LONDON
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	LORILLARD	BROWN+WILAM	RICHMOND	RICHMOND	RICHMOND	ST PAUL'S
	CIGARETTE CODE	KEKHC	KEDDC	LMB16	LMA01	LMM01	LODCC
	SIZE/NE PER PACK	KS F/20	100 F/20	LS F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	B 00 2	B 02 1	B 00 3	B 00 3	B 00 3	B 00 1

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	11.3	6.0	10.2	8.0	9.5	11.8
DPM DRY. PARTIC. MATTER	MG/CIG	10.2	5.7	9.2	7.4	8.7	10.5
TAR (=TPM-SN-H2O)	MG/CIG	9.5	5.3	8.6	6.8	8.1	10.0
SN SMOKE NICOTINE	MG/CIG	0.69	0.40	0.63	0.51	0.62	0.53*
RATIO SN/TAR	%	7.3	7.5	7.4	7.5	7.6	5.4
PUFF COUNT	NO./CIG	8.2	8.6	7.2	6.9	9.3	8.7
CO CARBON MONOXIDE	MG/CIG	9.9	6.1			9.0	
NO NITROGEN MONOXIDE	MG/CIG	0.18	0.13			0.16	

F I L L E R

ALKALOIDS, TOTAL	%	1.78	1.71	1.85	1.79	1.84	1.22*
REDUCING SUGARS	%	6.8	4.8	8.0	7.2	7.2	10.1
NITRATE NITROGEN	%	0.25	0.24	0.23	0.23	0.24	0.11
AMMONIA NITROGEN	%	0.25	0.19	0.25	0.24	0.23	0.07
TOB. WT. AT 12.5 % OV	MG/CIG	772	835	681	640	836	793
DENSITY AT 12.5 % OV	MG/ML	252	236	229	231	234	254
OV AT EQUILIBRIUM	%	12.5	12.0	13.1	12.8	12.6	11.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1002	1123	904	921	1129	1017
CIG. LENGTH, TOTAL	MM	84	99	79	83	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.91/24.8	7.95/24.9	7.94/24.9	7.95/24.9	7.89/24.7
CIG. RTD	MM H2O	131	134	110	112	120	148
CIG. VENTILATION	%	34	53	39	40	42	
FIRMNESS AS IS	MM	2.56	2.38	2.62	2.46	2.72	2.11
OVEN VOLATILES AS IS	%	12.0	12.1	11.7	11.5	12.0	11.1
FIRMNESS AT 12.5 % OV	MM	2.77	2.55	2.94	2.86	2.93	2.67
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	27	19	27	27
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	179	227	167	230	233
FILTER RTD	MM H2O	94	131	92	107	110
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	36	24	32	32
TIPPING PAPER TYPE	WHDL	WHDL	IC	WHDL	WHDL	ICD
TIPPING PERFO. TYPE	MSLP	MSLP	MLPS	MLPS	MLPS	
TIPPING, PERFO. LINES	NO.	8	10	2	2	2

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2500077892

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MARLBORO KING SIZE	+MARLBORO LIGHTS	+MARLBORO 100'S	+MERIT KING SIZE	+MERIT ULTRA LIGHTS
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	RICHMOND	RICHMOND	RICHMOND	RICHMOND	RICHMOND	RICHMOND
	CIGARETTE CODE	MLF28	MLK36	MLX04	MLH08	MER22	MEZ02
	SIZE/WB PER PACK	LS F/20	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 3	B 00 3	B 00 3	B 00 3	B 00 3
S M O K E							
TPM TOT.PARTIC.MATTER	MG/CIG	9.9	9.1	7.6	9.7	7.5	4.0
DPM DRY.PARTIC.MATTER	MG/CIG	9.0	8.3	6.9	8.9	6.8	3.7
TAR (=TPM-SN-H2O)	MG/CIG	8.4	7.7	6.4	8.3	6.3	3.4
SN SMOKE NICOTINE	MG/CIG	0.61	0.59	0.48	0.61	0.49	0.33
RATIO SN/TAR	%	7.3	7.7	7.5	7.4	7.8	9.6
PUFF COUNT	NO./CIG	7.5	7.8	7.0	8.9	7.1	7.0
CO CARBON MONOXIDE	MG/CIG		8.9				
NO NITROGEN MONOXIDE	MG/CIG		0.15				
F I L L E R							
ALKALOIDS, TOTAL	%	1.82	1.79	1.81	1.79	1.82	1.92
REDUCING SUGARS	%	7.3	8.0	7.5	7.1	6.3	6.2
NITRATE NITROGEN	%	0.24	0.23	0.22	0.23	0.26	0.25
AMMONIA NITROGEN	%	0.23	0.22	0.24	0.22	0.20	0.28
TOB. WT. AT 12.5 % OV	MG/CIG	698	711	661	824	668	606
DENSITY AT 12.5 % OV	MG/ML	235	230	240	231	240	221
OV AT EQUILIBRIUM	%	12.6	12.8	12.5	12.5	12.3	11.9
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	916	946	939	1112	945	878
CIG. LENGTH, TOTAL	MM	79	84	83	99	83	83
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.91/24.8	7.92/24.8	7.94/24.9	7.95/24.9	7.91/24.8
CIG. RTD	MM H2O	115	112	118	127	120	105
CIG. VENTILATION	%	40	42	40	38	38	61
FIRMNESS AS IS	MM	2.50	2.59	2.31	2.78	2.23	2.70
OVEN VOLATILES AS IS	%	11.7	12.2	11.7	12.0	11.8	12.4
FIRMNESS AT 12.5 % OV	MM	2.84	2.72	2.62	3.02	2.54	2.74
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	19	21	27	27	27	27
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	169	181	232	231	231	229
FILTER RTD	MM H2O	97	95	110	113	110	122
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	23	25	31	32	32	32
TIPPING PAPER TYPE	IC	IC	IC	WHDL	ICD	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	2	2	2	2	2	2

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MILD SEVEN CHARCOAL JAPAN MONOP	PLAYER'S GOLD LEAF B.A.T.	REGAL LOW TAR IMPERIAL T	ROTHMANS	ROTHMANS LIGHTS ROTHMANS	SILK CUT EXTRA MILD GALLAHER
SI-SAUDI ARAB	PROD. CENTERS OR MANUFACTURER				ROTHMANS	ROTHMANS	
	CIGARETTE CODE	MISAC	PGLAC	RGLAC	RTKFC	RTYBC	SIJIC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 2	B 00 3	B 00 3	B 00 3	B 00 3	B 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.6	12.2	4.5	8.4	5.3	7.4
DPM DRY.PARTIC.MATTER	MG/CIG	8.8	10.6	4.2	7.7	5.0	6.9
TAR (=TPM-SN-H2O)	MG/CIG	8.2	9.9	3.8	7.1	4.5	6.3
SN SMOKE NICOTINE	MG/CIG	0.59	0.77	0.41	0.60	0.45	0.57
RATIO SN/TAR	%	7.3	7.8	10.7	8.5	10.1	9.0
PUFF COUNT	NO./CIG	7.4	7.7	7.5	8.1	6.3	8.0
CO CARBON MONOXIDE	MG/CIG	10.0					
NO NITROGEN MONOXIDE	MG/CIG	0.11					

F I L L E R

ALKALOIDS, TOTAL	%	1.68	1.79	2.18	1.65	2.24	1.88
REDUCING SUGARS	%	8.3	11.3	11.9	11.0	12.2	8.5
NITRATE NITROGEN	%	0.19	0.10	0.10	0.08	0.08	0.12
AMMONIA NITROGEN	%	0.10	0.06	0.04	0.07	0.03	0.09
TOB. WT. AT 12.5 % OV	MG/CIG	689	742	682	780	650	748
DENSITY AT 12.5 % OV	MG/ML	235	236	232	246	212	235
OV AT EQUILIBRIUM	%	12.0	12.3	12.2	12.2	12.0	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	955	945	953	980	888	973
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.91/24.8	7.96/24.9	7.95/24.9	7.94/24.9	7.97/25.0
CIG. RTD	MM H2O	114	131	120	94	133	132
CIG. VENTILATION	%	34	22	47	38	45	40
FIRMNESS AS IS	MM	2.13	2.60	2.17	2.53	2.96	2.26
OVEN VOLATILES AS IS	%	11.1	13.0	12.6	12.2	12.5	12.7
FIRMNESS AT 12.5 % OV	MM	2.72	2.41	2.15	2.68	3.00	2.20
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	20	25	20	22	20
FILTER-LENGTH PLUG 1	MM	15.0					
FILTER-LENGTH PLUG 2	MM	10.0					
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC					
FILTER WEIGHT	MG/FIL	226	146	222	149	188	178
FILTER RTD	MM H2O	81	71	105	67	130	103
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	30	25	31	24	28	25
TIPPING PAPER TYPE	WHD	IC	IC	ICWHD	IC	ICD	ICD
TIPPING PERFO. TYPE	MSLP	MLPM	MLPS	EPZ	EPZ	EPZ	MPS
TIPPING, PERFO. LINES	NO.	7	1	2			1

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2500077894

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	SILK CUT SUPER LOW	SILK CUT ULTRA LOW TAR	VICEROY	VICEROY LIGHTS	+VISA	+VISA LIGHTS
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	GALLAHER	GALLAHER	BRWN+WILAM	BRWN+WILAM	SERRIERES	SERRIERES
	CIGARETTE CODE	SHKAC	SIFEC	VCYBC	VCPAC	VAF02	VAL02
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	LS F/20	LS F/20
	SAMPLING CODE	B 00 2	B 00 1	B 00 3	B 00 3	A 01 3	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.3	4.1	8.7	10.9	10.1	5.5
DPM DRY.PARTIC.MATTER	MG/CIG	1.2	3.9	8.0	9.7	9.0	5.1
TAR (=TPM-SN-H2O)	MG/CIG	1.0	3.5*	7.4	9.1	8.4	4.7
SN SMOKE NICOTINE	MG/CIG	0.15	0.37*	0.59	0.64	0.61	0.39
RATIO SN/TAR	%	16.2	10.5	8.0	7.1	7.3	8.2
PUFF COUNT	NO./CIG	9.1	8.0	8.9	7.0	8.0	8.5
CO CARBON MONOXIDE	MG/CIG	2.6	4.4	7.5	10.2	8.2	5.0
NO NITROGEN MONOXIDE	MG/CIG	0.02	0.03	0.14	0.18	0.09	0.07

F I L L E R

ALKALOIDS, TOTAL	%	2.60	2.00	1.81	1.73	1.63	1.67
REDUCING SUGARS	%	10.5	11.0	6.5	5.9	10.2	10.4
NITRATE NITROGEN	%	0.07	0.10	0.25	0.25	0.18	0.17
AMMONIA NITROGEN	%	0.11	0.07	0.24	0.23	0.15	0.15
TOB. WT. AT 12.5 % OV	MG/CIG	695	671	758	664	732	739
DENSITY AT 12.5 % OV	MG/ML	241	233	248	239	246	249
OV AT EQUILIBRIUM	%	12.0	11.8	12.3	12.5	12.9	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	968	904	993	929	936	954
CIG. LENGTH, TOTAL	MM	84	84	84	84	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.89/24.7	7.90/24.8	7.92/24.8	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	49	97*	115	129	113	103
CIG. VENTILATION	%	81	61*	54	31	35	59
FIRMNESS AS IS	MM	2.72	2.02	2.12	2.97	2.85	2.89
OVEN VOLATILES AS IS	%	13.0	12.8	11.1	12.8	12.4	12.3
FIRMNESS AT 12.5 % OV	MM	2.55	1.91	2.70	2.88	2.91	2.98
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	S
FM FILTER MATERIAL		CAP	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	21	27	19	19
FILTER-LENGTH PLUG 1	MM	18.0					
FILTER-LENGTH PLUG 2	MM	7.0					
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	230	191	183	219	155	164
FILTER RTD	MM H2O	117	96	98	105	83	100
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	29	26	32	23	24
TIPPING PAPER TYPE		ICD	ICD	IC	WHDL	IC	ICD
TIPPING PERFO. TYPE	MPS		MPS	MLPM	MLPM	EPZ	MLPS
TIPPING, PERFO. LINES	NO.	1	3	1	1		4

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SI

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON KING SIZE
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	REYNOLDS
	CIGARETTE CODE	WIKKC
	SIZE/MS PER PACK	KS F/20
	SAMPLING CODE	B 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	11.6
DPM DRY.PARTIC.MATTER	MG/CIG	10.3
TAR (=TPM-SN-H2O)	MG/CIG	9.7
SN SMOKE NICOTINE	MG/CIG	0.60
RATIO SN/TAR	%	6.2
PUFF COUNT	NO./CIG	7.5
CO CARBON MONOXIDE	MG/CIG	
NO NITROGEN MONOXIDE	MG/CIG	

F I L L E R

ALKALOIDS, TOTAL	%	1.41
REDUCING SUGARS	%	6.5
NITRATE NITROGEN	%	0.38
AMMONIA NITROGEN	%	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	708
DENSITY AT 12.5 % OV	MG/ML	229
OV AT EQUILIBRIUM	%	11.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	926
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	118
CIG. VENTILATION	%	24
FIRMNESS AS IS	MM	2.40
OVEN VOLATILES AS IS	%	12.2
FIRMNESS AT 12.5 % OV	MM	2.52
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 174
FILTER RTD	MM H2O 85
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	EPZ
TIPPING, PERFO. LINES	NO.

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SI

2500077896

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO
SN SENEGAL	PROD. CENTERS OR MANUFACTURER	M T O A
	CIGARETTE CODE	MLF47
	SIZE/MB PER PACK	LS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.7
DPM DRY.PARTIC.MATTER	MG/CIG	16.1
TAR (=TPM-SN-H2O)	MG/CIG	15.0
SN SMOKE NICOTINE	MG/CIG	1.06
RATIO SN/TAR	%	7.1
PUFF COUNT	NO./CIG	8.3
CO CARBON MONOXIDE	MG/CIG	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.85
REDUCING SUGARS	%	7.4
NITRATE NITROGEN	%	0.21
AMMONIA NITROGEN	%	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	774
DENSITY AT 12.5 % OV	MG/ML	262
OV AT EQUILIBRIUM	%	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	986
CIG. LENGTH, TOTAL	MM	80
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9
CIG. RTD	MM H2O	100
CIG. VENTILATION	%	14
FIRMNESS AS IS	MM	2.26
OVEN VOLATILES AS IS	%	11.4
FIRMNESS AT 12.5 % OV	MM	2.71
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 20
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 162
FILTER RTD	MM H2O 66
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 24
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	EPZ
TIPPING, PERFO. LINES	NO.

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD	+CHESTER- FIELD	+CHESTER- FIELD LIGHTS	+CHESTER- FIELD NON FILTER	+LARK	+MARLBORO
ES SPAIN	PROD. CENTERS OR MANUFACTURER	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ
	CIGARETTE CODE	CEB08	CEK08	CEL02	CER08	LAB03	MLF55
	SIZE/MB PER PACK	LS F/20	KS F/20	LS F/20	REG N/20	LS F/20	LS F/20
	SAMPLING CODE	A 00 4	A 00 3	A 01 2	A 00 3	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.6	18.9	12.7	26.8	19.6	20.5
DPM DRY.PARTIC.MATTER	MG/CIG	14.6	15.7	11.2	23.3	16.2	17.0
TAR (=TPM-SN-H2O)	MG/CIG	13.7	14.7	10.4	21.9	15.2	16.0
SN SMOKE NICOTINE	MG/CIG	0.88	0.98	0.74	1.33	1.02	1.00
RATIO SN/TAR	%	6.4	6.6	7.1	6.1	6.8	6.3
PUFF COUNT	NO./CIG	7.3	8.3	7.7	7.4	7.8	8.1
CO CARBON MONOXIDE	MG/CIG	14.4	14.7	12.6	13.6	14.3	16.3
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.23	0.19	0.18	0.24	0.24

F I L L E R

ALKALOIDS, TOTAL	%	1.75	1.74	1.73	1.72	1.68	1.75
REDUCING SUGARS	%	8.4	8.2	7.5	8.6	7.3	8.3
NITRATE NITROGEN	%	0.23	0.23	0.23	0.21	0.22	0.23
AMMONIA NITROGEN	%	0.17	0.17	0.18	0.19	0.21	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	726	781	729	854	742	747
DENSITY AT 12.5 % OV	MG/ML	250	250	250	248	255	257
OV AT EQUILIBRIUM	%	12.9	12.8	12.6	12.8	12.5	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	931	1000	955	908	1053	957
CIG. LENGTH, TOTAL	MM	79	84	79	70	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.95/24.9	7.93/24.9	7.92/24.8	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	118	123	131	47	123	125
CIG. VENTILATION	%			19			
FIRMNESS AS IS	MM	2.95	2.99	2.96	2.86	2.33	2.89
OVEN VOLATILES AS IS	%	12.6	13.0	12.5	12.1	11.3	13.0
FIRMNESS AT 12.5 % OV	MM	2.89	2.80	2.97	3.05	2.80	2.69
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	PSP	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM 20	21	20	20	20
FILTER-LENGTH PLUG 1	MM			7.0	
FILTER-LENGTH PLUG 2	MM			7.0	
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE				AC	
FILTER WEIGHT	MG/FIL	153	164	261	157
FILTER RTD	MM H2O	68	71	67	71
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	24	25	24	24
TIPPING PAPER TYPE	IC	IC	IC	ICD	IC
TIPPING PERFO. TYPE			EPZ		
TIPPING, PERFO. LINES	NO.				

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+ PME Brand () Converted values = PME specifications * Comments

2500077898

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MARLBORO KING SIZE	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MERIT
ES SPAIN	PROD. CENTERS OR MANUFACTURER	TABACA LOG	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ
	CIGARETTE CODE	MLF62	MLK45	MLL10	MLX18	MEQ05
	SIZE/MS PER PACK	LS F/20	KS F/20	LS F/20	KS F/20	LS F/20
	SAMPLING CODE	A 00 2	A 00 3	A 01 3	A 01 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.5	19.9	11.6	11.8	11.1
DPM DRY.PARTIC.MATTER	MG/CIG	14.5	16.8	10.4	10.7	9.9
TAR (=TPM-SN-H2O)	MG/CIG	13.6*	15.7	9.7	10.0	9.2
SN SMOKE NICOTINE	MG/CIG	0.89	1.01	0.70	0.72	0.67
RATIO SN/TAR	%	6.5	6.5	7.2	7.2	7.3
PUFF COUNT	NO./CIG	8.0*	8.5	8.0	8.8	7.2
CO CARBON MONOXIDE	MG/CIG	14.0	15.0	10.6	9.5	11.5
NO NITROGEN MONOXIDE	MG/CIG	0.21	0.23	0.18	0.17	0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.67	1.70	1.79	1.67	1.84
REDUCING SUGARS	%	8.9	8.1	7.7	7.3	6.7
NITRATE NITROGEN	%	0.23	0.21	0.23	0.22	0.28
AMMONIA NITROGEN	%	0.24	0.24	0.24	0.22	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	736	816	754	821	723
DENSITY AT 12.5 % OV	MG/ML	255	262	258	265	247
OV AT EQUILIBRIUM	%	13.5	13.1	13.0	12.9	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	945	1042	992	1073	967
CIG. LENGTH, TOTAL	MM	79	84	79	84	79
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.94/24.9	7.94/24.9	7.92/24.8	7.95/24.9
CIG. RTD	MM H2O	122	134	132	142	140
CIG. VENTILATION	%	6*		25	26	26
FIRMNESS AS IS	MM	2.88	2.62	3.18	2.60	3.04
OVEN VOLATILES AS IS	%	13.0	12.5	13.1	12.6	12.5
FIRMNESS AT 12.5 % OV	MM	2.69	2.64	2.95	2.57	3.07
CIG. PAP. VENTIL. SYST.						

F I L T E R

FILTER TYPE	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	20	21
FILTER-LENGTH PLUG 1	MM				
FILTER-LENGTH PLUG 2	MM				
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE					
FILTER WEIGHT	MG/FIL	153	164	181	190
FILTER RTD	MM H2O	69	73	102	104
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	24	25	27	31
TIPPING PAPER TYPE	IC	IC	ICWHDL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	EP2*		MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.		2	2	2

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAPSTAN	555 STATE EXPRESS
MT-SULT.OMAN	PROD. CENTERS OR MANUFACTURER	B.A.T.	B.A.T.
	CIGARETTE CODE	CBBC	STBIC
	SIZE/NB PER PACK	KS F/20	KS F/20
	SAMPLING CODE	B 03 1	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	12.2	10.8
DPM DRY.PARTIC.MATTER	MG/CIG	11.1	9.8
TAR (=TPM-SN-H2O)	MG/CIG	10.5	9.0
SN SMOKE NICOTINE	MG/CIG	0.67	0.75
RATIO SN/TAR	%	6.4	8.3
PUFF COUNT	NO./CIG	7.8	7.7
CO CARBON MONOXIDE	MG/CIG	8.9	9.2
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.35	1.81
REDUCING SUGARS	%	6.5	11.1
NITRATE NITROGEN	%	0.19	0.07
AMMONIA NITROGEN	%	0.06	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	755	748
DENSITY AT 12.5 % OV	MG/ML	238	235
OV AT EQUILIBRIUM	%	11.4	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	951	948
CIG. LENGTH, TOTAL	MM	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.95/24.9
CIG. RTD	MM H2O	113	119
CIG. VENTILATION	%	23	35
FIRMNESS AS IS	MM	1.76	1.93
OVEN VOLATILES AS IS	%	11.7	12.1
FIRMNESS AT 12.5 % OV	MM	2.08	2.10
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH, TOTAL	MM	20	20
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	157	145
FILTER RTD	MM H2O	75	75
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	24	25
TIPPING PAPER TYPE		ICD	IC
TIPPING PERFO. TYPE		EPZ	NLEM
TIPPING, PERFO. LINES	NO.		1

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MT

+ PME Brand () Converted values = PME specifications * Comments

2500077900

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BARCLAY	BLEND	BLEND EXTRA	BLEND SUPERLONG	BLEND ULTRA	BLEND ULTRA MENTHOL
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO
	CIGARETTE CODE	BAXFC	BLDAC	BLEAC	BLRAC	BLGAC	BLIAC
	SIZE/MS PER PACK	KS F/20	LS F/20	LS F/20	100 F/20	LS F/20	LS F/20
	SAMPLING CODE	B 02 1	B 02 2	B 02 2	B 02 2	B 02 2	B 02 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	5.8	12.0	7.9	11.3	5.2	5.6
DPM DRY.PARTIC.MATTER	MG/CIG	5.4	10.5	7.4	10.2	4.7	5.1
TAR (=TPM-SN-H2O)	MG/CIG	4.9	9.6	6.7	9.4	4.3	4.6
SN SMOKE NICOTINE	MG/CIG	0.52	0.83	0.66	0.88	0.40	0.46
RATIO SN/TAR	%	10.5	8.7	9.9	9.4	9.3	9.9
PUFF COUNT	NO./CIG	7.4	6.5	7.1	7.0	7.3	7.4
CO CARBON MONOXIDE	MG/CIG	6.3	8.0	5.7	7.5	3.6	4.5
NO NITROGEN MONOXIDE	MG/CIG	0.09	0.07	0.07	0.09	0.04	0.05

F I L L E R

ALKALOIDS, TOTAL	%	2.62	2.29	2.19	2.39	2.18	2.18
REDUCING SUGARS	%	7.5	8.7	8.7	8.8	8.1	9.3
NITRATE NITROGEN	%	0.17	0.17	0.17	0.13	0.15	0.15
AMMONIA NITROGEN	%	0.11	0.11	0.10	0.10	0.10	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	581	580	578	652	581	579
DENSITY AT 12.5 % OV	MG/ML	208	234	234	225	236	237
OV AT EQUILIBRIUM	%	11.4	12.4	12.4	11.9	13.7	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	873	762	762	841	780	774
CIG. LENGTH, TOTAL	MM	84	80	80	90	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.25/22.7	7.24/22.7	7.27/22.8	7.23/22.7	7.20/22.6
CIG. RTD	MM H2O	32	107	89	110	109	108
CIG. VENTILATION	%	83	26	50	34	61	58
FIRMNESS AS IS	MM	2.08	2.80	2.94	2.64	3.36	3.05
OVEN VOLATILES AS IS	%	11.0	13.0	12.5	11.6	13.3	12.9
FIRMNESS AT 12.5 % OV	MM	2.69	2.59	2.96	2.99	3.04	2.89
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	FFS	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	27	20	20	20	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	253	137	141	142	145
FILTER RTD	MM H2O	123	68	75	75	105
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	24	24	24	24
TIPPING PAPER TYPE	ICWHD	ICD	ICD	ICD	ICD	WHD
TIPPING PERFO. TYPE	MPS	MLPM	MLPM	MLPM	MLPM	MLPM
TIPPING, PERFO. LINES	NO.	3	1	1	1	1

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SW

+ PME Brand () Converted values = PME specifications * Comments

2500077901

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BLEND ULTIMA	+BOND	+BOND MILD	+BOND ULTRA MILD MENTHOL	+BOND ULTRA MILD	CAMEL
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SWEDISH TO	ONNENS	ONNENS	ONNENS	ONNENS	REYNOLD CH
	CIGARETTE CODE	BLKAC	BDR01	BDY01	BDN01	BDU01	CABKC
	SIZE/MB PER PACK	LS F/20	LS F/20	LS F/20	LS F/20	LS F/20	LS F/20
	SAMPLING CODE	B 02 2	A 00 2	A 01 2	A 01 2	A 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.7	15.7	13.7	2.0	1.8	16.4
DPM DRY.PARTIC.MATTER	MG/CIG	1.5	13.2	11.9	1.9	1.6	14.6
TAR (=TPM-SN-H2O)	MG/CIG	1.3	12.3	11.0	1.7	1.4	13.5
SN SMOKE NICOTINE	MG/CIG	0.16	0.94	0.88	0.19	0.17	1.12
RATIO SN/TAR	%	12.3	7.7	8.0	11.6	12.2	8.3
PUFF COUNT	NO./CIG	7.0	7.4	7.6	7.9	7.7	7.9
CO CARBON MONOXIDE	MG/CIG	1.5	10.2	10.4	1.5	1.2	10.7
NO NITROGEN MONOXIDE	MG/CIG	0.02	0.13	0.12	* 0.03	0.03	0.18

F I L L E R

ALKALOIDS, TOTAL	%	2.06	2.02	2.08	2.04	2.08	2.06
REDUCING SUGARS	%	9.6	10.7	11.4	10.8	10.5	8.4
NITRATE NITROGEN	%	0.16	0.17	0.17	0.18	0.18	0.25
AMMONIA NITROGEN	%	0.09	0.11	0.12	0.11	0.11	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	602	629	622	624	626	642
DENSITY AT 12.5 % OV	MG/ML	242	256	252	254	253	219
OV AT EQUILIBRIUM	%	12.9	13.4	13.4	13.4	13.7	11.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	801	827	820	835	838	827
CIG. LENGTH, TOTAL	MM	80	80	80	80	80	79
CIG. DIAMETER/CIRCUMFER.	MM	7.26/22.7	7.23/22.7	7.23/22.7	7.23/22.7	7.24/22.7	7.89/24.7
CIG. RTD	MM H2O	108	144	130	89	88	83
CIG. VENTILATION	%	79	13	24	81	81	33
FIRMNESS AS IS	MM	2.95	2.97	2.85	2.76	2.99	3.04
OVEN VOLATILES AS IS	%	12.5	13.0	13.0	12.7	12.8	12.7
FIRMNESS AT 12.5 % OV	MM	2.97	2.78	2.68	2.70	2.89	2.97
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	20	20	20	19
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	145	147	148	150	151	145
FILTER RTD	MM H2O	125	82	82	108	105	46
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	24	24	32	32	23
TIPPING PAPER TYPE		ICWHDL	ICD	ICD	WHDL	ICWHDL	IC
TIPPING PERFO. TYPE		MPS/MPLM	EPZ	EPZ	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4			5	5	2

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+ PME Brand () Converted values = PME specifications * Comments

2500077902

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL EXTRA LIGHTS REYNOLDS	CAMEL LIGHTS REYNOLD CH	+CHECKER MENTHOL OWNERS	+CHESTER- FIELD NON FILTER ATO HYRYLA	+MARLBORO SERRIERES	+MARLBORO KING SIZE SERRIERES
SW SWEDEN	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	CCHBC	CACEC	CRM02	CEK04	MLE01	MLK15
	SIZE/MB PER PACK	LS F/20	LS F/20	LS F/20	KS N/20	LS F/20	KS F/20
	SAMPLING CODE	B 02 1	B 02 2	A 02 2	A 00 3	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	7.7	12.0	16.0	21.0	18.6	18.2
DPM DRY.PARTIC.MATTER	MG/CIG	7.0	10.5	13.3	18.7	15.5	15.4
TAR (=TPM-SM-H2O)	MG/CIG	6.5	9.7	12.4	17.5	14.4	14.5
SN SMOKE NICOTINE	MG/CIG	0.58	0.77	0.94	1.21	1.04	0.93
RATIO SN/TAR	%	9.0	7.9	7.6	6.9	7.3	6.4
PUFF COUNT	NO./CIG	6.9	7.0	7.5	9.7	7.8	8.3
CO CARBON MONOXIDE	MG/CIG	7.0	8.6	11.1	10.0	14.6	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.13	0.15	0.11	0.16	0.17	0.19

F I L L E R

ALKALOIDS, TOTAL	%	2.13	2.02	2.08	1.79	2.00	1.79
REDUCING SUGARS	%	7.8	8.4	12.3	8.9	10.4	7.5
NITRATE NITROGEN	%	0.24	0.25	0.17	0.21	0.18	0.21
AMMONIA NITROGEN	%	0.12	0.11	0.11	0.23	0.11	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	589	606	639	1045	659	756
DENSITY AT 12.5 % OV	MG/ML	209	205	260	250	226	243
OV AT EQUILIBRIUM	%	11.9	12.2	13.4	13.2	13.3	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	812	801	837	1115	847	977
CIG. LENGTH, TOTAL	MM	79	79	80	84	79	84
CIG. DIAMETER/CIRCUMFER.	MM	7.87/24.7	7.92/24.8	7.22/22.6	7.95/24.9	7.88/24.7	7.93/24.9
CIG. RTD	MM H2O	122	87	136	58	110	111
CIG. VENTILATION	%	35	33	13	14	18	14
FIRMNESS AS IS	MM	3.08	2.84	2.86	2.73	2.93	2.77
OVEN VOLATILES AS IS	%	13.3	13.9	12.6	11.5	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	2.78	2.27	2.81	3.11	2.96	2.78
CIG. PAP. VENTIL. SYST.					EP		

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	19	20	19	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	177	136	146	135	162
FILTER RTD	MM H2O	101	54	77	63	68
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	23	24	23	25
TIPPING PAPER TYPE	ICD	IC	WHD	IC	IC	IC
TIPPING PERFO. TYPE	MLPS	MLPS	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	4	2			

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SW

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS	+MARLBORO 100'S	+MERIT	+PHILIP MORRIS LIGHTS	+PHILIP MORRIS MULTIFILT.
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	MLY04	MLI03	MLH04	MER13	PML03	PMH04
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 2	A 00 2	A 00 4	A 02 2	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	12.2	12.0	17.5	7.8	8.3	15.3
DPM DRY.PARTIC.MATTER	MG/CIG	10.8	10.8	15.6	7.1	7.5	13.2
TAR (=TPM-SN-H2O)	MG/CIG	10.2	10.0	14.6*	6.6	6.9	12.3
SN SMOKE NICOTINE	MG/CIG	0.70	0.77	1.01*	0.50	0.56	0.87
RATIO SN/TAR	%	6.9	7.7	7.0	7.7	8.0	7.1
PUFF COUNT	NO./CIG	7.6	7.7	9.4	7.6	7.1	7.5
CO CARBON MONOXIDE	MG/CIG	11.1	10.9	14.9*	8.9	7.1	14.9
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.14	0.19	0.15	0.10	0.11

F I L L E R

ALKALOIDS, TOTAL	%	1.77	2.04	1.79	1.90	1.99	1.71
REDUCING SUGARS	%	7.7	10.4	8.5	7.2	8.8	10.2
NITRATE NITROGEN	%	0.21	0.18	0.20	0.26	0.18	0.13
AMMONIA NITROGEN	%	0.26	0.11	0.26	0.18	0.17	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	687	635	834	677	588	710
DENSITY AT 12.5 % OV	MG/ML	249	232	241	246	214	229
OV AT EQUILIBRIUM	%	13.3	13.0	13.4	13.5	13.0	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	935	874	1110	960	827	1003
CIG. LENGTH, TOTAL	MM	84	84	99	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.88/24.7	7.88/24.7	7.91/24.8	7.91/24.8	7.92/24.8
CIG. RTD	MM H2O	114	114	112*	123	90	135
CIG. VENTILATION	%	22	29	19*	37	43	
FIRMNESS AS IS	MM	2.61	2.77	3.14	2.78	2.71	2.85
OVEN VOLATILES AS IS	%	12.7	12.6	12.7	12.8	12.1	12.0
FIRMNESS AT 12.5 % OV	MM	2.56	2.76	3.09	2.70	2.89	3.06
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	D
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	28	28	28	21
FILTER-LENGTH PLUG 1	MM						10.0
FILTER-LENGTH PLUG 2	MM						11.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							AC
FILTER WEIGHT	MG/FIL	193	191	211	228	189	242
FILTER RTD	MM H2O	84	84	74	116	82	77
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	32	32	32	25
TIPPING PAPER TYPE		ICWHDL	WHDL	ICD	ICWHDL	ICWHDL	WHGRD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	
TIPPING, PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

2500077904

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PRINCE	PRINCE	PRINCE EXTRA LIGHTS	PRINCE LIGHTS	PRINCE LIGHTS
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO
	CIGARETTE CODE	PCBBC	PCFBC	PCRAC	PCGAC	PCRAC
	SIZE/NB PER PACK	LS F/20	KS F/20	LS F/20	KS F/20	LS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 02 1	B 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.6	23.5	9.0	14.6	13.8
DPM DRY.PARTIC.MATTER	MG/CIG	16.1	19.1	8.3	12.9	12.1
TAR (*TPM-SM-H2O)	MG/CIG	14.9	17.8	7.6	11.9	11.1
SN SMOKE NICOTINE	MG/CIG	1.21	1.32	0.72	1.03	0.99
RATIO SN/TAR	%	8.2	7.4	9.5	8.6	9.0
PUFF COUNT	NO./CIG	7.0	8.3	7.6	8.7	7.6
CO CARBON MONOXIDE	MG/CIG	13.1	14.1	6.9	10.1	10.5
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.18	0.09	0.12	0.13

F I L L E R

ALKALOIDS, TOTAL	%	2.33	2.13	2.42	2.16	2.37
REDUCING SUGARS	%	7.3	7.4	7.1	8.3	7.6
NITRATE NITROGEN	%	0.16	0.20	0.17	0.16	0.16
AMMONIA NITROGEN	%	0.10	0.10	0.11	0.10	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	646	779	647	764	628
DENSITY AT 12.5 % OV	MG/ML	219	241	220	236	211
OV AT EQUILIBRIUM	%	12.3	13.2	12.3	12.7	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	839	988	842	995	829
CIG. LENGTH, TOTAL	MM	80	84	80	84	80
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	8.02/25.1	7.90/24.8	8.02/25.1	7.95/24.9
CIG. RTD	MM H2O	108	106	105	104	99
CIG. VENTILATION	%			39	27	26
FIRMNESS AS IS	MM	2.61	3.14	2.55	2.76	2.68
OVEN VOLATILES AS IS	%	11.6	12.7	11.7	12.0	11.5
FIRMNESS AT 12.5 % OV	MM	2.98	3.08	2.86	2.95	3.08
CIG. PAP. VENTIL. SYST.						

F I L T E R

FILTER TYPE		S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	20	20	20	20	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	149	154	150	179	154
FILTER RTD	MM H2O	64	53	91	74	73
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	24	24	24	24
TIPPING PAPER TYPE		IC	IC	IC	IC	IC
TIPPING PERFO. TYPE				EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.					

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SW

+ PME Brand () Converted values = PME specifications * Comments

2500077905

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+ARLETTE	BARCLAY	BARCLAY ULTRA LIGHTS	BARCLAY 100'S	+BRUNETTE	+BRUNETTE
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	BAT	CH BAT	CH BAT	CH SERRIERES	ONNENS
	CIGARETTE CODE	ALF01	BAXBC	BBNAC	BBAAC	BRF02	BRP01
	SIZE/NE PER PACK	LS F/20	KS F/20	KS F/20	100 F/20	LS F/20	LS N/20
	SAMPLING CODE	A 00 2	B 01 1	B 03 1	B 01 1	A 00 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.4	5.1	2.7	6.3	20.4	20.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	4.7	2.5	5.8	17.3	18.1
TAR (=TPM-SN-H2O)	MG/CIG	14.4	4.3	2.3	5.3	16.2	17.0
SN SMOKE NICOTINE	MG/CIG	0.68	0.40	0.21	0.51	1.06	1.12
RATIO SN/TAR	%	4.7	9.3	9.4	9.6	6.5	6.6
PUFF COUNT	NO./CIG	6.4	6.8	7.2	8.5	6.8	6.8
CO CARBON MONOXIDE	MG/CIG	16.3	5.1	2.8	7.4	13.1	9.5
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.07	0.04	0.10	0.15	0.12

F I L L E R

ALKALOIDS, TOTAL	%	1.41	2.19	1.96	2.16	1.67	1.62
REDUCING SUGARS	%	4.7	5.7	8.4	6.1	6.3	5.7
NITRATE NITROGEN	%	0.30	0.19	0.16	0.20	0.21	0.23
AMMONIA NITROGEN	%	0.21	0.12	0.11	0.13	0.14	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	597	575	624	737	639	841
DENSITY AT 12.5 % OV	MG/ML	201	205	222	206	217	217
OV AT EQUILIBRIUM	%	12.1	11.8	12.6	11.7	11.5	11.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	845	898	923	1069	819	885
CIG. LENGTH, TOTAL	MM	79	84	84	99	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.91/24.8	7.93/24.9	7.95/24.9	7.90/24.8	7.91/24.8
CIG. RTD	MM H2O	147	31	84	35	89	63
CIG. VENTILATION	%		83	70	83	8	
FIRMNESS AS IS	MM	2.13	2.60	3.12	3.05	1.82	1.99
OVEN VOLATILES AS IS	%	10.4	11.6	12.3	12.2	10.1	10.1
FIRMNESS AT 12.5 % OV	MM	2.98	2.97	3.22	3.17	2.78	2.98
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		SWR	FFS	D	FFS	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	19	27	27	27	19
FILTER-LENGTH PLUG 1	MM	16.0		14.0		
FILTER-LENGTH PLUG 2	MM			13.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	207	278	251	278	140
FILTER RTD	MM H2O	86	128	127	134	38
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	32	32	32	23
TIPPING PAPER TYPE		WH	ICWHDL	ICWHDL	ICWHDL	IC
TIPPING PERFO. TYPE			MLPS	MLPM	MLPS	EPZ
TIPPING,PERFO. LINES	NO.		3	1	3	

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077906

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BRUNETTE DOUBLE FILTRE SERRIERES	+BRUNETTE DOUCE ONNENS	+BRUNETTE EXTRA SERRIERES	+BRUNETTE ULTRA ONNENS	CAMEL REYNOLD CH	CAMEL LIGHTS REYNOLD CH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	BRD01	BRM01	BRE01	BRU01	CAKBC	CACAC
	SIZE/NB PER PACK	LS F/20	LS F/20	LS F/20	LS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 2	A 00 3	A 00 3	B 00 3	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.1	10.6	7.0	2.2	18.2	6.0
DPM DRY.PARTIC.MATTER	MG/CIG	14.6	9.9	6.5	2.1	15.3	5.6
TAR (=TPM-SM-H2O)	MG/CIG	13.6	9.2	6.1	1.8	14.3	5.2
SN SMOKE NICOTINE	MG/CIG	0.99	0.71	0.50	0.22	1.00	0.43
RATIO SN/TAR	%	7.3	7.7	8.2	12.2	7.0	8.3
PUFF COUNT	NO./CIG	8.2	8.6	7.8	7.8	7.4	7.9
CO CARBON MONOXIDE	MG/CIG	12.5	7.9	7.3	1.9	13.4	4.5
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.13	0.11	0.03	0.21	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.63	1.64	1.65	1.64	1.91	1.92
REDUCING SUGARS	%	6.5	6.6	6.0	6.7	9.8	8.7
NITRATE NITROGEN	%	0.22	0.21	0.21	0.22	0.26	0.21
AMMONIA NITROGEN	%	0.15	0.15	0.14	0.14	0.11	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	657	639	639	607	736	681
DENSITY AT 12.5 % OV	MG/ML	222	217	216	228	236	233
OV AT EQUILIBRIUM	%	11.5	11.5	11.4	11.5	12.4	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	907	829	925	909	940	931
CIG. LENGTH, TOTAL	MM	79	79	79	79	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.91/24.8	7.92/24.8	7.92/24.8	7.95/24.9	7.94/24.9
CIG. RTD	MM H2O	113	96	99	78	104	106
CIG. VENTILATION	%	25	48	46	75		51
FIRMNESS AS IS	MM	1.75	2.59	2.03	1.61	3.28	2.92
OVEN VOLATILES AS IS	%	10.3	11.7	10.6	10.2	12.9	12.3
FIRMNESS AT 12.5 % OV	MM	2.63	2.93	2.79	2.53	3.13	3.02
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	PSP	D	S	S
FM FILTER MATERIAL		CA	CA	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	19	19	19	25	21	25
FILTER-LENGTH PLUG 1	MM	10.0		7.0	12.0		
FILTER-LENGTH PLUG 2	MM	9.0		7.0	13.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC		ACPG	AC		
FILTER WEIGHT	MG/FIL	216	155	247	267	151	200
FILTER RTD	MM H2O	71	80	90	88	64	108
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	23	24	24	29	25	30
TIPPING PAPER TYPE	IC	IC	IC	ICD	ICWHDL	IC	ICD
TIPPING PERFO. TYPE	EPZ	EPZ	MLPS	EPZ	MLPS		EPZ
TIPPING,PERFO. LINES	NO.		3		6		

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL 100'S	CAMEL MILD	+CHAMPION	+CHESTER- FIELD	+CHESTER- FIELD LIGHTS	+DIANA
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	REYNOLD CH	REYNOLD CH	ONNENS	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	BYDBC	CAHBC	CHF01	CEG14	CEN01	DIK04
	SIZE/NB PER PACK	100 F/20	KS F/20	LS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	B 00 2	A 00 1	A 00 3	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.2	12.2	15.8	15.6	8.7	17.4
DPM DRY.PARTIC.MATTER	MG/CIG	17.5	11.0	13.2	13.6	8.1	14.8
TAR (=TPM-SN-H2O)	MG/CIG	16.2	10.2	12.1*	12.7	7.5	13.9
SN SMOKE NICOTINE	MG/CIG	1.31	0.79	1.02*	0.88	0.57	0.88
RATIO SN/TAR	%	8.1	7.7	8.4	6.9	7.8	6.4
PUFF COUNT	NO./CIG	9.2	7.9	7.3*	8.3	7.8	7.3
CO CARBON MONOXIDE	MG/CIG	13.6	10.4	13.2	11.4	8.8	15.2
NO NITROGEN MONOXIDE	MG/CIG	0.18	0.11	0.07	0.14	0.11	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.01	2.00	1.98*	1.85	1.87	1.68
REDUCING SUGARS	%	8.7	8.7	13.9	9.1	8.1	11.4
NITRATE NITROGEN	%	0.22	0.18	0.10	0.20	0.19	0.14
AMMONIA NITROGEN	%	0.12	0.10	0.04	0.18	0.19	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	878	743	724*	764	684	700
DENSITY AT 12.5 % OV	MG/ML	235	241	242*	247	249	225
OV AT EQUILIBRIUM	%	12.1	12.6	12.5	13.6	13.3	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1143	959	930	989	955	912
CIG. LENGTH, TOTAL	MM	100	84	80	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.89/24.7	7.90/24.8	7.91/24.8	7.92/24.8	7.93/24.9
CIG. RTD	MM H2O	104	117	132	107	109	124
CIG. VENTILATION	%	18	29		23	37	
FIRMNESS AS IS	MM	3.35	3.28	2.63	2.89	2.56	3.01
OVEN VOLATILES AS IS	%	13.2	13.2	11.4	12.4	12.3	12.2
FIRMNESS AT 12.5 % OV	MM	3.08	3.01	3.07	2.92	2.64	3.15
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	21	19	21	28
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	208	164	157	164	217
FILTER RTD	MM H2O	69	95	81	69	94
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	30	25	24	25	32
TIPPING PAPER TYPE	ICD		IC	IC	IC	ICWHDL
TIPPING PERFO. TYPE	EP2		MLPS		EP2	EP2
TIPPING, PERFO. LINES	NO.		3			

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077908

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	DUNHILL INTERNAT.	+EVE 100'S	+EVE 120'S	+FLINT	+FLINT ULTRA	+FLINT NO.3
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SULLANA	RICHMOND	RICHMOND	SERRIERES	ONNENS	ONNENS
	CIGARETTE CODE	DHVC	EVR01	EVL03	FLI02	FLU02	FLT02
	SIZE/NB PER PACK	100 F/20	100 F/20	120 F/20	LS F/20	LS F/20	LS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 01 2	A 02 2	A 02 2	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	14.3	16.7	16.0	6.8	1.5	2.6
DPM DRY.PARTIC.MATTER	MG/CIG	13.5	15.1	14.7	6.2	1.3	2.5
TAR (=TPM-SN-H2O)	MG/CIG	12.3	14.1	13.7	5.7	1.2	2.3
SN SMOKE NICOTINE	MG/CIG	1.14	0.99	0.99	0.43	0.12	0.23
RATIO SN/TAR	%	9.2	7.1	7.2	7.5	10.3	10.2
PUFF COUNT	NO./CIG	9.8	9.6	11.4	6.8	6.8	6.1
CO CARBON MONOXIDE	MG/CIG	10.2	11.9	11.5	8.0	1.9	2.4
NO NITROGEN MONOXIDE	MG/CIG	0.05	0.21	0.22	0.13	0.03	0.04

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.93	1.84	1.61	1.67	1.66
REDUCING SUGARS	%	13.5	7.8	8.0	6.6	5.1	5.4
NITRATE NITROGEN	%	0.07	0.24	0.23	0.25	0.25	0.27
AMMONIA NITROGEN	%	0.06	0.30	0.26	0.21	0.21	0.20
TOB. WT. AT 12.5 % OV	MG/CIG	861	895	924	573	521	512
DENSITY AT 12.5 % OV	MG/ML	248	245	241	194	196	194
OV AT EQUILIBRIUM	%	12.2	12.6	12.7	11.5	11.8	11.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1102	1164	1208	851	772	815
CIG. LENGTH, TOTAL	MM	94	99	120	79	79	79
CIG. DIAMETER/CIRCUMFER.	MM	8.01/25.1	8.03/25.2	7.41/23.2	7.92/24.8	7.92/24.8	7.89/24.7
CIG. RTD	MM H2O	94	94	136	103	88	80
CIG. VENTILATION	%	35	26	27	41	74	71
FIRMNESS AS IS	MM	3.29	3.00	2.43	2.03	1.97	1.87
OVEN VOLATILES AS IS	%	12.5	12.9	12.4	9.5	9.8	9.2
FIRMNESS AT 12.5 % OV	MM	3.30	2.83	2.49	3.24	3.06	3.21
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	PSP	S	D
FM FILTER MATERIAL	CA	CA	CA	CAP	CA	CA
FILTER LENGTH, TOTAL	MM	25	27	19	25	25
FILTER-LENGTH PLUG 1	MM			8.0		13.0
FILTER-LENGTH PLUG 2	MM			7.0		12.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				ACPG		AC
FILTER WEIGHT	MG/FIL	189	208	238	212	266
FILTER RTD	MM H2O	62	64	87	118	86
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	32	36	24	29
TIPPING PAPER TYPE	ICD	WHD	WHD	WHDL	WHDL	WHDL
TIPPING PERFO. TYPE	EPZ	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	2	2	4	6	6

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077909

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	GAULOISES BLONDES LEGERES	GAULOISES BLONDES RINSOZ & O	GAULOISES BLEU NON FILTRE RINSOZ & O	GAULOISES JAUNE RINSOZ & O	+L & M FULL FLAVOR SERRIERES	+LARK MUNICH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	GAZEC	GBACC	GBSCC	GJFAC	LW001	LAG01
	SIZE/MB PER PACK	KS F/20	KS F/20	REG M/20	REG F/20	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 01 2	A 01 2	A 00 2	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.7	15.8	19.3	12.8	18.8	16.1
DPM DRY.PARTIC.MATTER	MG/CIG	8.8	13.7	17.5	11.1	16.1	13.5
TAR (=TPM-SN-H2O)	MG/CIG	8.1	12.9	16.3	10.4	14.9	12.6
SN SMOKE NICOTINE	MG/CIG	0.66	0.81	1.22	0.66	1.09	0.94
RATIO SN/TAR	%	8.1	6.3	7.5	6.4	7.3	7.5
PUFF COUNT	NO./CIG	8.1	7.3	6.2	6.5	8.6	8.9
CO CARBON MONOXIDE	MG/CIG	8.4	13.7	12.0	14.4	15.0	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.12	0.19	0.38	0.42	0.17	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.73	1.72	1.71	1.90	1.89
REDUCING SUGARS	%	8.3	7.9	1.6	2.0	7.5	
NITRATE NITROGEN	%	0.22	0.22	0.51	0.43	0.19	0.20
AMMONIA NITROGEN	%	0.11	0.10	0.43	0.32	0.19	0.28
TOB. WT. AT 12.5 % OV	MG/CIG	789	789	905	735	791	
DENSITY AT 12.5 % OV	MG/NL	252	251	228	228	253	
OV AT EQUILIBRIUM	%	12.5	12.3	11.2	11.4	13.1	13.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1025	1022	943	925	1002	
CIG. LENGTH, TOTAL	MM	84	84	70	70	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.97/25.0	8.50/26.6	8.48/26.6	7.95/24.9	
CIG. RTD	MM H2O	94	135	43	117	108	109
CIG. VENTILATION	%	44				15	18
FIRMNESS AS IS	MM	3.12	2.96	2.04	1.73	2.99	
OVEN VOLATILES AS IS	%	13.2	13.1	10.0	9.8	12.4	
FIRMNESS AT 12.5 % OV	MM	2.86	2.71	3.04	2.83	3.03	
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	PSP
FM FILTER MATERIAL		CA	CA	P	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	13	21	21
FILTER-LENGTH PLUG 1	MM					7.0
FILTER-LENGTH PLUG 2	MM					8.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						AC
FILTER WEIGHT	MG/FIL	184	183	152	156	269
FILTER RTD	MM H2O	73	72	72	63	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	25	17	25	25
TIPPING PAPER TYPE		IC	IC	WHD	IC	ICD
TIPPING PERFO. TYPE		MLPM			EPZ	EPZ
TIPPING,PERFO. LINES	NO.	1				

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077910

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	LUCKY STRIKE	LUCKY STRIKE MILD	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	BAT	CH BAT	CH	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	LSBEC	LSMAC	MLK15	MHX13	MLX30	MLI02
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 01 2	B 01 2	A 00 4	A 00 4	A 00 4	A 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.2	10.1	18.2	10.5	9.8	7.5
DPM DRY.PARTIC.MATTER	MG/CIG	14.2	9.1	15.4	9.6	8.9	6.8
TAR (=TPM-SN-H2O)	MG/CIG	13.2	8.4	14.5	8.9	8.3	6.3
SN SMOKE NICOTINE	MG/CIG	1.01	0.72	0.93	0.68	0.62	0.50
RATIO SN/TAR	%	7.7	8.5	6.4	7.7	7.5	8.0
PUFF COUNT	NO./CIG	8.3	7.7	8.3	9.6	7.9	7.5
CO CARBON MONOXIDE	MG/CIG	12.0	8.4	14.1	9.3	9.7	8.6
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.14	0.19	0.14	0.14	0.11

F I L L E R

ALKALOIDS, TOTAL	%	2.15	2.16	1.79	1.74	1.78	1.92
REDUCING SUGARS	%	6.7	6.5	7.5	7.6	7.6	8.6
NITRATE NITROGEN	%	0.23	0.25	0.21	0.20	0.21	0.20
AMMONIA NITROGEN	%	0.26	0.26	0.26	0.26	0.26	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	770	689	756	828	677	650
DENSITY AT 12.5 % OV	MG/ML	247	245	243	239	246	235
OV AT EQUILIBRIUM	%	12.9	12.7	13.5	13.3	13.5	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	988	948	977	1108	948	930
CIG. LENGTH, TOTAL	MM	84	84	84	99	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.93/24.9	7.93/24.9	7.88/24.7	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	116	107	111	113	111	127
CIG. VENTILATION	%	20	37	14	35	36	40
FIRMNESS AS IS	MM	2.71	2.75	2.77	2.99	2.74	2.52
OVEN VOLATILES AS IS	%	12.6	12.7	12.5	12.6	12.5	12.4
FIRMNESS AT 12.5 % OV	MM	2.67	2.69	2.78	2.94	2.75	2.57
CIG. PAP. VENTIL. SYST.					EP		

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	27	21	28	28	28
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	165	212	162	214	215	226
FILTER RTD	MM H2O	70	88	68	99	99	117
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	31	25	32	32	32
TIPPING PAPER TYPE		IC	ICD	IC	ICWHDL	ICWHDL	WHDL
TIPPING PERFO. TYPE		MLPM	MLPM	EP2	EP2	EP2	MLPS
TIPPING,PERFO. LINES	NO.	1	1				4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO 100'S	MAROCAINE AROMA MILD BAT	MAROCAINE EXTRA CH BAT	MAROCAINE SUPER CH BAT	MARYLONG CH BAT	MARYLONG DOUCE CH BAT
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	CH	BAT	CH	BAT	CH
	CIGARETTE CODE	MLH04	MCLBC	MCEAC	MCSAC	MYGAC	MYAAC
	SIZE/NO PER PACK	100 F/20	LS F/20	LS F/20	LS F/20	LS F/20	LS F/20
	SAMPLING CODE	A 00 2	B 01 2	B 01 2	A 00 3	A 02 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.5	3.6	7.6	13.6	12.8	10.0
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	3.4	7.0	12.3	11.3	9.2
TAR (=TPM-SN-H2O)	MG/CIG	14.6*	3.2	6.5	11.5	10.6	8.6
SN SMOKE NICOTINE	MG/CIG	1.01*	0.24	0.49	0.75	0.69	0.64
RATIO SN/TAR	%	7.0	7.7	7.6	6.5	6.5	7.5
PUFF COUNT	NO./CIG	9.4	6.6	6.4	7.3	6.7	6.8
CO CARBON MONOXIDE	MG/CIG	14.9*	2.8	5.1	9.9	10.1	7.6
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.05	0.09	0.14	0.13	0.10

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.43	1.31	1.38	1.62	1.58
REDUCING SUGARS	%	8.5	5.7	5.3	6.3	5.2	5.5
NITRATE NITROGEN	%	0.20	0.24	0.29	0.24	0.23	0.23
AMMONIA NITROGEN	%	0.26	0.19	0.19	0.17	0.17	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	834	616	632	640	623	621
DENSITY AT 12.5 % OV	MG/ML	241	214	220	224	218	217
OV AT EQUILIBRIUM	%	13.4	12.4	12.0	12.2	12.0	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1110	886	882	888	825	823
CIG. LENGTH, TOTAL	MM	99	79	79	79	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.94/24.9	7.94/24.9	7.92/24.8	7.92/24.8	7.93/24.9
CIG. RTD	MM H2O	112*	76	62	77	105	87
CIG. VENTILATION	%	19*	66	52	38	17	36
FIRMNESS AS IS	MM	3.14	2.08	2.27	2.06	2.10	2.90
OVEN VOLATILES AS IS	%	12.7	11.1	11.0	10.4	9.7	11.5
FIRMNESS AT 12.5 % OV	MM	3.09	2.63	2.89	2.90	3.23	3.31
CIG. PAP. VENTIL. SYST.			EP	EP		EP	EP

F I L T E R

FILTER TYPE		S	D	D	D	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	21	21	21	21	21
FILTER-LENGTH PLUG 1	MM		15.0	15.0	15.0		
FILTER-LENGTH PLUG 2	MM		6.0	6.0	6.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE			ACRE	AC	AC		
FILTER WEIGHT	MG/FIL	211	226	211	207	161	160
FILTER RTD	MM H2O	74	93	49	50	69	67
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	25	25	25	25	25
TIPPING PAPER TYPE		ICD	WHICWHDL	IC	IC	WH	WH
TIPPING PERFO. TYPE		EPZ	LPM	MLPM	MLPM	MLPM	MLPM
TIPPING, PERFO. LINES	NO.		1	1	1	1	1

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077912

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MARYLONG DOUBLE FILTER BAT	CH	MARYLONG EXTRA BAT	CH	MARYLONG NO 1 BAT	CH	+MERCEDES SERRIERES	+MERIT SERRIERES	+MERIT ULTRA LIGHTS SERRIERES
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER									
	CIGARETTE CODE	MYHAC		MYCAC		MYBAC		MEK04	MER13	MEZ03
	SIZE/NB PER PACK	LS F/20		LS F/20		LS F/20		KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3		A 01 2		A 01 3		A 00 1	A 00 4	A 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	7.0	5.7	1.7	13.3	7.8	3.7
DPM DRY. PARTIC. MATTER	MG/CIG	6.5	5.3	1.6	12.0	7.1	3.4
TAR (=TPM-SN-H2O)	MG/CIG	6.1	4.9	1.5	11.2*	6.6	3.2
SN SMOKE NICOTINE	MG/CIG	0.44	0.33	0.12	0.82*	0.50	0.25
RATIO SN/TAR	%	7.3	6.8	8.3	7.3	7.7	8.0
PUFF COUNT	NO./CIG	6.5	6.1	5.5	7.9*	7.6	7.4
CO CARBON MONOXIDE	MG/CIG	5.2	7.1	2.4	12.4	8.9	3.5
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.11	0.04	0.09	0.15	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.33	1.55	1.28	1.62	1.90	1.77
REDUCING SUGARS	%	5.1	5.5	4.9	10.1	7.2	6.5
NITRATE NITROGEN	%	0.28	0.25	0.29	0.12	0.26	0.22
AMMONIA NITROGEN	%	0.19	0.18	0.19	0.08	0.18	0.27
TOB. WT. AT 12.5 % OV	MG/CIG	639	618	512	718	677	663
DENSITY AT 12.5 % OV	MG/ML	223	218	193	231	246	240
OV AT EQUILIBRIUM	%	12.2	12.2	11.7	12.5	13.5	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	890	954	811	1002	960	945
CIG. LENGTH, TOTAL	MM	79	79	79	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.93/24.9	7.91/24.8	7.93/24.9	7.91/24.8	7.93/24.9
CIG. RTD	MM H2O	62	106	72	125	123	93
CIG. VENTILATION	%	52	38	69	20	37	65
FIRMNESS AS IS	MM	2.23	2.40	1.72	2.95	2.78	2.62
OVEN VOLATILES AS IS	%	10.5	11.1	9.9	11.8	12.8	12.3
FIRMNESS AT 12.5 % OV	MM	3.05	2.97	2.77	3.24	2.70	2.70
CIG. PAP. VENTIL. SYST.	EP		EP	EP			

F I L T E R

FILTER TYPE		D	PSP	D	D	S	S
FM FILTER MATERIAL		CA	CAP	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	25	21	28	28
FILTER-LENGTH PLUG 1	MM	15.0	8.0	15.0	8.0		
FILTER-LENGTH PLUG 2	MM	6.0	7.0	10.0	13.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC	ACRE	ACRE	PG		
FILTER WEIGHT	MG/FIL	208	294	262	234	228	227
FILTER RTD	MM H2O	50	93	108	80	116	118
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	29	25	32	32
TIPPING PAPER TYPE		IC	WHD	WHDL	WHD	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		MLPM	MLPS	MLPS	MLPS	EPZ	MLPS
TIPPING,PERFO. LINES	NO.	1	4	4	3		4

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077913

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MS	+MULTI-FILTER 100'S	+MULTI-FILTER 100'S E.L.	+MURATTI AMBASSADOR KING SIZE	+MURATTI EXTRA	+MURATTI EXTRA 100'S
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	MSK01	MPH13	MPS06	MAK08	MAG02	MAT01
	SIZE/NB PER PACK	KS F/20	100 F/20	100 F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	A 02 2	A 00 4	A 00 3	A 00 4	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	15.7	10.1	7.0	9.2	3.4	3.7
DPM DRY.PARTIC.MATTER	MG/CIG	13.6	9.4	6.5	8.6	3.1	3.3
TAR (=TPM-SN-H2O)	MG/CIG	12.6	8.7	6.0	8.0	2.9	3.1
SN SMOKE NICOTINE	MG/CIG	0.99	0.75	0.56	0.67	0.24	0.25
RATIO SN/TAR	%	7.9	8.7	9.3	8.5	8.5	8.3
PUFF COUNT	NO./CIG	8.0	10.2	9.9	8.2	7.3	8.9
CO CARBON MONOXIDE	MG/CIG	14.6	10.3	6.0	7.5	4.8	4.7
NO NITROGEN MONOXIDE	MG/CIG	0.28	0.10	0.06	0.07	0.07	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.90	1.73	1.74	1.67	1.95	1.95
REDUCING SUGARS	%	9.1	10.9	11.3	11.6	9.7	9.5
NITRATE NITROGEN	%	0.37	0.13	0.14	0.12	0.19	0.19
AMMONIA NITROGEN	%	0.17	0.09	0.09	0.09	0.11	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	806	830	826	708	593	740
DENSITY AT 12.5 % OV	MG/ML	258	231	232	229	215	212
OV AT EQUILIBRIUM	%	12.1	12.5	12.7	12.5	13.1	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1013	1165	1166	1002	982	1134
CIG. LENGTH, TOTAL	MM	84	99	99	84	84	99
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.86/24.6	7.84/24.6	7.92/24.8	7.93/24.9	7.91/24.8
CIG. RTD	MM H2O	120	122	107	98	110	108
CIG. VENTILATION	%	10	43	52	44	58	61
FIRMNESS AS IS	MM	2.70	2.86	2.71	2.82	2.37	2.85
OVEN VOLATILES AS IS	%	12.5	11.9	11.5	11.8	12.0	12.0
FIRMNESS AT 12.5 % OV	MM	2.72	3.11	3.14	3.10	2.59	3.05
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	D	D	D	PSP	PSP
FM FILTER MATERIAL	CA	CA	CA	CA	CAP	CAP
FILTER LENGTH, TOTAL	MM	21	25	25	21	28
FILTER-LENGTH PLUG 1	MM	13.0	13.0	9.0	9.0	9.0
FILTER-LENGTH PLUG 2	MM	12.0	12.0	12.0	12.0	12.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE		AC	AC	AC	ACPG	ACPG
FILTER WEIGHT	MG/FIL	161	281	281	338	329
FILTER RTD	MM H2O	70	97	96	76	118
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	29	29	32	35
TIPPING PAPER TYPE	ICD	WHGRD	WHGRD	WHGRD	WHGRWHD	WHGRWHD
TIPPING PERFO. TYPE	EPZ	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	4	4	4

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077914

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI LIGHTS	+MURATTI 2000	+MURATTI 2000 EXTRA LONGS	+NORTH POLE MENTHOL	PARISIENNE EXTRA	PARISIENNE MILD
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SERRIERES	SERRIERES	BURRUS CH	BURRUS CH
	CIGARETTE CODE	MA001	MAB01	MAH01	NPF01	PAUAC	PAGAC
	SIZE/MB PER PACK	KS F/20	KS F/20	100 F/20	LS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 2	A 00 3	A 00 2	B 03 1	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.8	6.5	7.5	16.3	5.3	9.9
DPM DRY.PARTIC.MATTER	MG/CIG	4.4	6.0	6.9	13.8	4.9	9.0
TAR (=TPM-SN-H2O)	MG/CIG	4.1	5.6	6.4	13.0	4.5	8.3
SN SMOKE NICOTINE	MG/CIG	0.38	0.42	0.49	0.78	0.41	0.69
RATIO SN/TAR	%	9.2	7.6	7.7	6.0	9.1	8.3
PUFF COUNT	NO./CIG	7.9	7.4	9.4	7.3	7.6	7.7
CO CARBON MONOXIDE	MG/CIG	3.7	9.0	10.5	11.9	3.9	7.3
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.08	0.09	0.14	0.06	0.11

F I L L E R

ALKALOIDS, TOTAL	%	1.95	1.69	1.68	1.55	2.03	2.02
REDUCING SUGARS	%	8.4	11.1	11.6	11.4	10.1	11.0
NITRATE NITROGEN	%	0.19	0.13	0.13	0.17	0.19	0.19
AMMONIA NITROGEN	%	0.16	0.08	0.09	0.12	0.12	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	636	635	787	688	667	687
DENSITY AT 12.5 % OV	MG/ML	232	232	225	232	224	223
OV AT EQUILIBRIUM	%	13.0	12.4	12.3	12.7	12.8	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1021	1017	1177	887	916	901
CIG. LENGTH, TOTAL	MM	84	84	99	79	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.90/24.8	7.91/24.8	7.93/24.9	8.01/25.1	7.95/24.9
CIG. RTD	MM H2O	89	134	132	120	89	90
CIG. VENTILATION	%	66	33	40		58	39
FIRMNESS AS IS	MM	2.91	2.54	2.83	2.89	3.09	2.81
OVEN VOLATILES AS IS	%	12.6	11.8	11.6	12.7	12.9	12.3
FIRMNESS AT 12.5 % OV	MM	2.90	2.81	3.21	2.82	2.92	2.89
CIG. PAP. VENTIL. SYST.					EP		

F I L T E R

FILTER TYPE	S	PSP	PSP	S	S	S
FM FILTER MATERIAL	CA	CAP	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	19	25	22
FILTER-LENGTH PLUG 1	MM	10.0	9.0			
FILTER-LENGTH PLUG 2	MM	11.0	13.0			
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE		ACPG	ACPG			
FILTER WEIGHT	MG/FIL	336	337	336	149	201
FILTER RTD	MM H2O	108	117	115	63	91
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	32	24	29
TIPPING PAPER TYPE	ICWHDL	ICWHDL	ICWHDL	IC	ICWHDL	IC
TIPPING PERFO. TYPE	MLPS	EPZ	EPZ		MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4			6	4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PARISIENNE SUPER	PARISIENNE SPECIAL FILTRE	+PARLIAMENT	+PARLIAMENT 100'S	+PHILIP MORRIS 100 SUPER L. SERRIERES	+PHILIP MORRIS ULTRA LGTS SERRIERES
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	BURRUS CH	BURRUS CH	RICHMOND	RICHMOND	SERRIERES	SERRIERES
	CIGARETTE CODE	PASAC	PATAC	PLL02	PLL03	PHS05	PHU03
	SIZE/WE PER PACK	KS F/20	KS F/20	LS F/20	100 F/20	100 F/20	100 F/20
	SAMPLING CODE	B 03 1	B 03 1	B 00 2	B 00 2	A 00 4	A 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	14.0	6.9	9.5	13.4	5.1	2.1
DPM DRY. PARTIC. MATTER	MG/CIG	12.4	6.4	8.6	12.0	4.8	2.0
TAR (=TPM-SN-H2O)	MG/CIG	11.5	5.9	8.1	11.1	4.4	1.9
SN SMOKE NICOTINE	MG/CIG	0.86	0.57	0.61	0.90	0.40	0.19
RATIO SN/TAR	%	7.5	9.7	7.5	8.1	9.2	10.5
PUFF COUNT	NO./CIG	7.7	7.7	6.9	9.0	9.7	9.2
CO CARBON MONOXIDE	MG/CIG	9.8	5.3	8.8	11.4	5.0	4.4
NO NITROGEN MONOXIDE	MG/CIG	0.13	0.09	0.17	0.21	0.08	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.92	1.90	1.81	1.81	1.93	2.44
REDUCING SUGARS	%	9.7	7.6	7.2	6.4	8.2	9.9
NITRATE NITROGEN	%	0.18	0.22	0.22	0.22	0.20	0.17
AMMONIA NITROGEN	%	0.15	0.21	0.26	0.28	0.15	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	708	704	632	814	790	718
DENSITY AT 12.5 % OV	MG/ML	228	229	238	239	227	209
OV AT EQUILIBRIUM	%	12.7	11.7	12.7	12.8	13.3	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	920	966	949	1247	1088	1063
CIG. LENGTH, TOTAL	MM	84	84	79	99	99	99
CIG. DIAMETER/CIRCUMFER.	MM	7.98/25.0	7.95/24.9	7.91/24.8	7.93/24.9	7.89/24.7	7.86/24.6
CIG. RTD	MM H2O	91	74	122	122	103	95
CIG. VENTILATION	%	23	55	34	32	61	64
FIRMNESS AS IS	MM	2.68	2.21	2.53	2.78	3.16	3.34
OVEN VOLATILES AS IS	%	12.8	12.1	12.0	12.2	12.6	12.1
FIRMNESS AT 12.5 % OV	MM	2.56	2.39	2.75	2.92	3.12	3.52
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	PSP	SWR	DR	S	D
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CAP
FILTER LENGTH, TOTAL	MM 22	22	25	30	28	28
FILTER-LENGTH PLUG 1	MM	11.0	20.0	15.0		8.0
FILTER-LENGTH PLUG 2	MM	5.0		9.0		20.0
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE		ACRE		AC		
FILTER WEIGHT	MG/FIL	220	270	371	228	285
FILTER RTD	MM H2O	46	68	100	119	138
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	26	36	36	36
TIPPING PAPER TYPE	IC	ICWHDL	WHDL	WHDL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPS	MLPM	MLPM	MLPS	MLPS
TIPPING, PERFO. LINES	NO. 2	4	1	1	4	4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS NON FILTER SERRIERES	+PHILIP MORRIS SUPER L. SERRIERES	+PHILIP MORRIS ULTRA LGTS SERRIERES	+RAFFLES 100'S CARROLL	+REGENT SERRIERES	R6 REEMTSM.CH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	PMK03	PMS03	PMU06	RAH05	REF02	RMQAC
	SIZE/NB PER PACK	KS N/20	KS F/20	KS F/20	100 F/10	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 4	A 00 4	A 00 2	A 00 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	22.0	3.8	1.8	14.3	17.8	4.8
DPM DRY.PARTIC.MATTER	MG/CIG	19.7	3.5	1.6	13.0	15.2	4.5
TAR (=TPM-SN-H2O)	MG/CIG	18.5	3.2	1.5	12.0*	14.3	4.2
SN SMOKE NICOTINE	MG/CIG	1.22	0.31	0.15	1.09*	0.91	0.37
RATIO SN/TAR	%	6.6	9.7	10.2	9.2	6.4	8.8
PUFF COUNT	NO./CIG	9.0	8.1	6.5	9.2*	7.4	7.7
CO CARBON MONOXIDE	MG/CIG	10.9	4.2	3.3	13.5	14.6	5.0
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.07	0.06	0.07	0.10	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.95	2.44	2.28	1.63	1.67
REDUCING SUGARS	%	7.2	9.1	9.9	12.6	10.5	8.7
NITRATE NITROGEN	%	0.21	0.20	0.18	0.08	0.12	0.22
AMMONIA NITROGEN	%	0.27	0.16	0.13	0.04	0.08	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	1010	638	571	869	704	677
DENSITY AT 12.5 % OV	MG/ML	244	232	208	237	226	231
OV AT EQUILIBRIUM	%	13.0	13.2	12.3	12.4	12.4	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1083	920	901	1124	918	915
CIG. LENGTH, TOTAL	MM	84	84	84	100	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.92/24.8	7.91/24.8	7.94/24.9	7.94/24.9	7.96/24.9
CIG. RTD	MM H2O	54	99	91	131	127	102
CIG. VENTILATION	%		64	64	13		55
FIRMNESS AS IS	MM	3.09	2.88	2.95	2.33	3.21	2.96
OVEN VOLATILES AS IS	%	12.5	12.6	12.0	11.4	12.1	12.9
FIRMNESS AT 12.5 % OV	MM	3.11	2.88	3.19	2.80	3.38	2.80
CIG. PAP. VENTIL. SYST.	EP						

F I L T E R

FILTER TYPE		S	D	S	S	S
FM FILTER MATERIAL		CA	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	26	21	25
FILTER-LENGTH PLUG 1	MM		9.0			
FILTER-LENGTH PLUG 2	MM		19.0			
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	230	284	198	166	194
FILTER RTD	MM H2O	122	137	87	71	102
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	30	25	29
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICD	IC	ICWHD
TIPPING PERFO. TYPE		MLPS	MLPS	EPZ		MLPS
TIPPING, PERFO. LINES	NO.	6	4			4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	R6 ULTRA	+SARATOGA 120'S	SELECT	SELECT LIGHTS	SELECT ULTRA	+STAR
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	REEMTSM.CH	RICHMOND	BURRUS CH	BURRUS CH	BURRUS CH	SERRIERES
	CIGARETTE CODE	RMVCC	SAR01	SELAC	SEKAC	SEIAC	STA04
	SIZE/MB PER PACK	KS F/20	120 F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 00 2	B 00 2	B 03 1	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	2.0	16.8	9.1	2.1	0.8	8.4
DPH DRY.PARTIC.MATTER	MG/CIG	2.0	15.3	8.4	2.0	0.7	7.8
TAR (=TPM-SN-H2O)	MG/CIG	1.8	14.3	7.8	1.9	0.6	7.2
SN SMOKE NICOTINE	MG/CIG	0.21	1.03	0.66	0.16	0.10	0.61
RATIO SN/TAR	%	12.2	7.2	8.5	8.7	17.1	8.5
PUFF COUNT	NO./CIG	7.3	12.2	8.3	8.1	8.2	8.3
CO CARBON MONOXIDE	MG/CIG	3.6	13.1	6.4	2.1	1.0	7.2
NO NITROGEN MONOXIDE	MG/CIG	0.04	0.21	0.08	0.03	0.02	0.09

F I L L E R

ALKALOIDS, TOTAL	%	2.42	1.90	1.96	1.91	2.21	2.09
REDUCING SUGARS	%	9.2	8.0	10.6	10.6	6.7	10.6
NITRATE NITROGEN	%	0.18	0.23	0.16	0.16	0.23	0.18
AMMONIA NITROGEN	%	0.10	0.25	0.12	0.15	0.18	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	621	918	687	653	675	724
DENSITY AT 12.5 % OV	MG/ML	213	241	222	223	232	263
OV AT EQUILIBRIUM	%	12.3	12.6	12.7	13.1	12.0	13.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	879	1199	957	966	975	999
CIG. LENGTH, TOTAL	MM	84	120	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.42/23.2	7.98/25.0	7.96/24.9	7.93/24.9	7.91/24.8
CIG. RTD	MM H2O	72	131	69	59	53	108
CIG. VENTILATION	%	69	31	52	76	82	41
FIRMNESS AS IS	MM	3.27	2.79	2.87	2.93	2.28	2.57
OVEN VOLATILES AS IS	%	13.1	12.4	12.6	12.3	11.6	12.8
FIRMNESS AT 12.5 % OV	MM	3.02	2.84	2.83	3.02	2.66	2.45
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	D	S	PSP	PSP	PSP	S
FM FILTER MATERIAL	CAP	CA	CA	CAP	CAP	CA
FILTER LENGTH, TOTAL	MM	25	22	25	25	28
FILTER-LENGTH PLUG 1	MM	16.0	12.0	15.0	15.0	
FILTER-LENGTH PLUG 2	MM	9.0	6.0	6.0	4.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE			ACRE	ACRE	ACRE	
FILTER WEIGHT	MG/FIL	213	215	219	261	217
FILTER RTD	MM H2O	108	93	65	102	97
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	36	26	29	32
TIPPING PAPER TYPE	ICWHDL	ICDL	WHD	WHDL	WHDL	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	EPZ
TIPPING, PERFO. LINES	NO.	4	2	4	8	3

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077918

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+VIRGINIA SLIMS LIGHTS	WEST	WINSTON
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	RICHMOND	REEMTSM.CH	REYNOLD CH
	CIGARETTE CODE	VIT01	WSUWC	WIBKC
	SIZE/MS PER PACK	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 02 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.9	16.7	16.8
DPM DRY.PARTIC.MATTER	MG/CIG	8.9	15.1	14.8
TAR (=TPM-SM-H2O)	MG/CIG	8.3	14.2	13.8
SN SMOKE NICOTINE	MG/CIG	0.61	0.92	0.99
RATIO SN/TAR	%	7.3	6.5	7.2
PUFF COUNT	NO./CIG	8.7	7.7	8.4
CO CARBON MONOXIDE	MG/CIG	8.3	14.0	13.1
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.15	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.77	1.68	1.77
REDUCING SUGARS	%	7.4	8.6	7.8
NITRATE NITROGEN	%	0.24	0.18	0.26
AMMONIA NITROGEN	%	0.24	0.09	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	693	731	766
DENSITY AT 12.5 % OV	MG/ML	238	234	250
OV AT EQUILIBRIUM	%	12.3	12.0	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	958	938	986
CIG. LENGTH, TOTAL	MM	99	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.38/23.1	7.94/24.9	7.87/24.7
CIG. RTD	MM H2O	130	101	103
CIG. VENTILATION	%	41	16	18
FIRMNESS AS IS	MM	2.57	2.48	2.87
OVEN VOLATILES AS IS	%	12.8	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	2.47	2.48	2.87
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE	S	S	S
FM FILTER MATERIAL	CA	CA	CA
FILTER LENGTH, TOTAL	MM	31	21
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	215	162
FILTER RTD	MM H2O	113	47
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	36	25
TIPPING PAPER TYPE	WHDL	IC	IC
TIPPING PERFO. TYPE	MLPS	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	2	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BOUSSETTA	CRISTAL	EL KHADRA	+LARK 100'S	+MARLBORO	ROYALE EXTRA LONGUE S.E.I.T.A
TN TUNISIA	PROD. CENTERS OR MANUFACTURER	RNTA	BULGAR TAB	RNTA	RICHMOND	RICHMOND	
	CIGARETTE CODE	BOEAC	CRTAC	ELKAC	LAH02	MLF54	ROQAC
	SIZE/NO PER PACK	REG N/20	KS F/20	REG F/20	100 F/20	LS F/20	100 F/20
	SAMPLING CODE	B 02 1	B 02 1	B 01 1	B 02 2	B 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	28.0	32.5	26.5	15.8	18.3	16.5
DEPM DRY.PARTIC.MATTER	MG/CIG	24.6	28.2	22.9	14.0	15.5	14.7
TAR (=TPM-SN-H2O)	MG/CIG	23.5	26.7	21.8	13.1	14.6	13.7
SN SMOKE NICOTINE	MG/CIG	1.13	1.49	1.05	0.95	0.95	1.01
RATIO SN/TAR	%	4.8	5.6	4.8	7.3	6.5	7.3
PUFF COUNT	NO./CIG	8.4	12.4	9.6	8.3	7.8	9.4
CO CARBON MONOXIDE	MG/CIG	13.5	21.1	18.1	12.5	13.3	15.9
NO NITROGEN MONOXIDE	MG/CIG	0.25	0.30	0.36	0.22	0.25	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.44	1.59	1.46	1.98	1.81	1.82
REDUCING SUGARS	%	3.3	5.4	2.1	8.3	7.0	10.2
NITRATE NITROGEN	%	0.25	0.18	0.28	0.25	0.24	0.20
AMMONIA NITROGEN	%	0.20	0.18	0.19	0.27	0.26	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	763	1004	773	777	708	890
DENSITY AT 12.5 % OV	MG/ML	228	276	247	216	239	245
OV AT EQUILIBRIUM	%	11.4	11.6	11.3	12.9	12.8	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	800	1166	887	1144	911	1136
CIG. LENGTH, TOTAL	MM	69	83	69	100	79	99
CIG. DIAMETER/CIRCUMFER.	MM	7.86/24.6	8.25/25.9	8.22/25.8	7.97/25.0	7.93/24.9	7.91/24.8
CIG. RTD	MM H2O	36	98	69	114	105	143
CIG. VENTILATION	%				22	10	
FIRMNESS AS IS	MM	2.30	1.87	1.75	2.78	3.13	2.59
OVEN VOLATILES AS IS	%	11.4	13.3	11.0	12.2	13.2	12.5
FIRMNESS AT 12.5 % OV	MM	2.76	1.57	2.35	2.89	2.85	2.60
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	PSP	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	15	10	28	19	25
FILTER-LENGTH PLUG 1	MM			12.0		
FILTER-LENGTH PLUG 2	MM			11.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				AC		
FILTER WEIGHT	MG/FIL	120	79	305	152	190
FILTER RTD	MM H2O	40	31	73	64	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	19	14	32	23	29
TIPPING PAPER TYPE		WH	IC	ICD	IC	ICD
TIPPING PERFO. TYPE				MLPS	MLPS	
TIPPING, PERFO. LINES	NO.			2	1	

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TN

+ PME Brand () Converted values = PME specifications * Comments

2500077920

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	20 MARS	20 MARS INTERNAT.
TN TUNISIA	PROD. CENTERS OR MANUFACTURER	RNTA	RNTA
	CIGARETTE CODE	MBGAC	MAQAC
	SIZE/NB PER PACK	KS F/20	LS F/20
	SAMPLING CODE	B 02 1	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	28.7	18.9
DPM DRY.PARTIC.MATTER	MG/CIG	24.8	16.5
TAR (=TPM-SN-H2O)	MG/CIG	23.4	15.6
SN SMOKE NICOTINE	MG/CIG	1.42	0.91
RATIO SN/TAR	%	6.1	5.8
PUFF COUNT	NO./CIG	11.0	8.1
CO CARBON MONOXIDE	MG/CIG	16.3	15.8
NO NITROGEN MONOXIDE	MG/CIG	0.36	0.26

F I L L E R

ALKALOIDS, TOTAL	%	1.57	1.65
REDUCING SUGARS	%	3.5	9.1
NITRATE NITROGEN	%	0.28	0.24
AMMONIA NITROGEN	%	0.22	0.19
TOB. WT. AT 12.5 % OV	MG/CIG	989	763
DENSITY AT 12.5 % OV	MG/ML	268	250
OV AT EQUILIBRIUM	%	11.2	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1148	964
CIG. LENGTH, TOTAL	MM	84	80
CIG. DIAMETER/CIRCUMFER.	MM	8.25/25.9	8.04/25.2
CIG. RTD	MM H2O	98	106
CIG. VENTILATION	%		
FIRMNESS AS IS	MM	2.18	2.46
OVEN VOLATILES AS IS	%	12.1	14.6
FIRMNESS AT 12.5 % OV	MM	2.33	1.64
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE	S	S
FM FILTER MATERIAL	CA	CA
FILTER LENGTH, TOTAL	MM 15	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	120 155
FILTER RTD	MM H2O	42 52
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	19 24
TIPPING PAPER TYPE	IC	IC
TIPPING PERFO. TYPE		
TIPPING, PERFO. LINES	NO.	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MARLBORO 100'S	+RAFFLES 100'S
GB UNIT.KINGD	PROD. CENTERS OR MANUFACTURER	IXELLES	MUNICH	MUNICH	IXELLES	MUNICH	ROTHMANS D
	CIGARETTE CODE	MLB25	MHX15	MLX31	MLX32	MHC04	RAH05
	SIZE/MB PER PACK	KS F/20	100 F/	KS F/20	KS F/10	100 F/20	100 F/20
	SAMPLING CODE	A 00 4	A 02 2	A 02 1	A 00 3	A 02 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.3	7.4	6.2	6.9	15.9	15.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	7.0	5.8	6.4	14.2	13.8
TAR (=TPM-SN-H2O)	MG/CIG	14.2	6.5	5.4	5.9	13.2	12.7
SN SMOKE NICOTINE	MG/CIG	0.93	0.53	0.45	0.50	0.96	1.17
RATIO SN/TAR	%	6.6	8.2	8.4	8.5	7.3	9.3
PUFF COUNT	NO./CIG	8.2	9.9	8.0	7.6	10.5	9.2
CO CARBON MONOXIDE	MG/CIG	13.6		6.1	6.1		14.7
NO NITROGEN MONOXIDE	MG/CIG	0.19		0.07	0.08		0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.82		2.17	2.12	1.83	2.34
REDUCING SUGARS	%	8.0		9.0	8.8	7.5	12.2
NITRATE NITROGEN	%	0.21		0.19	0.15	0.22	0.10
AMMONIA NITROGEN	%	0.25		0.13	0.12	0.22	0.05
TOB. WT. AT 12.5 % OV	MG/CIG	745	802		650	883	886
DENSITY AT 12.5 % OV	MG/ML	241	224		225	248	242
OV AT EQUILIBRIUM	%	13.9	12.7	13.4	13.0	13.3	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	971	1077		922	1138	1136
CIG. LENGTH, TOTAL	MM	84	99	84	84	99	100
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.85/24.6		7.90/24.8	7.83/24.5	7.95/24.9
CIG. RTD	MM H2O	102	117	105	105	110	134
CIG. VENTILATION	%	18	44	49	50	26	9
FIRMNESS AS IS	MM	2.88			2.42	3.03	2.98
OVEN VOLATILES AS IS	%	12.8			11.4	13.1	12.7
FIRMNESS AT 12.5 % OV	MM	2.78			2.85	2.79	2.92
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	25	25	25	26
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	163	213	206	216	187	192
FILTER RTD	MM H2O	70	121	105	107	78	83
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	32	32	32	29	30
TIPPING PAPER TYPE	IC		ICWHDL	ICWHDL	ICWHDL	ICD	ICD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BOND STREET	+CHESTER-FIELD	+MARLBORO KING SIZE
YU YUGOSLAVIA	PROD. CENTERS OR MANUFACTURER	SARAJEVO	SERRIERES	SARAJEVO
	CIGARETTE CODE	BSK01	CEG15	MLK05
	SIZE/NO PER PACK	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 01 3	A 01 2	A 01 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.2	18.3	20.4
DPH DRY.PARTIC.MATTER	MG/CIG	16.7	15.9	17.1
TAR (=TPM-SN-H2O)	MG/CIG	15.8	15.0	16.0
SN SMOKE NICOTINE	MG/CIG	0.95	0.97	1.07
RATIO SN/TAR	%	6.0	6.4	6.7
PUFF COUNT	NO./CIG	9.5	8.6	8.9
CO CARBON MONOXIDE	MG/CIG	17.7	13.6	16.0
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.16	0.24

F I L L E R

ALKALOIDS, TOTAL	%	1.48	1.81	1.84
REDUCING SUGARS	%	13.9	7.7	9.0
NITRATE NITROGEN	%	0.07	0.17	0.21
AMMONIA NITROGEN	%	0.10	0.19	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	817	772	855
DENSITY AT 12.5 % OV	MG/ML	260	248	269
OV AT EQUILIBRIUM	%	12.9	13.5	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1036	987	1073
CIG. LENGTH, TOTAL	MM	85	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.93/24.9	7.93/24.9
CIG. RTD	MM H2O	133	109	121
CIG. VENTILATION	%		15	
FIRMNESS AS IS	MM	2.46	2.87	2.49
OVEN VOLATILES AS IS	%	12.0	12.9	11.3
FIRMNESS AT 12.5 % OV	MM	2.68	2.72	2.98
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	S	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH,TOTAL	MM	20	21	20
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	161	153	160
FILTER RTD	MM H2O	69	62	67
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	25	24
TIPPING PAPER TYPE		IC	IC	IC
TIPPING PERFO. TYPE			EP2	
TIPPING.PERFO. LINES	NO.			

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YU

+ PME Brand () Converted values = PME specifications * Comments

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
AN ANDORRA					
CER11	+CHESTER- FIELD NON FILTER	REG NF	SOF	LICENSEE	ANDORRA
MLF63	+MARLBORO	LS F	BOX	LICENSEE	ANDORRA
MLK50	+MARLBORO KING SIZE	KS F	SOF	LICENSEE	ANDORRA
ZA AUSTRAL AFRICA					
CEB05	+CHESTER- FIELD	LS F	BOX	LICENSEE	INDUSTRIA
CEB05	+CHESTER- FIELD	LS F	BOX	LICENSEE	PAARL
CER05	+CHESTER- FIELD NON FILTER	REG NF	SOF	LICENSEE	PAARL
AU AUSTRIA					
CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
DAMAC	DAMES	KS F	SOF	AUSTRIA T.	
FDFAC	FALK EXTRA MILD	LS F	SOF	AUSTRIA T.	
HBKBC	HB	KS F	SOF	AUSTRIA T.	
HYBAC	HOBBY	LS F	SOF	AUSTRIA T.	
MLB22	+MARLBORO	KS F	BOX	LICENSEE	ATW LINZ
MLX08	+MARLBORO LIGHTS	KS F	BOX	LICENSEE	ATW LINZ
MHC06	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
MEUAC	MEMPHIS CLASSIC	KS F	BOX	AUSTRIA T.	
MEPAC	MEMPHIS LIGHTS	KS F	BOX	AUSTRIA T.	
SEXAC	SMART EXPORT	LS F	SOF	AUSTRIA T.	
WIBAC	WINSTON	KS F	BOX	AUSTRIA T.	
BE BELGIUM					
ARK04	+ARMADA	KS F	SOF	CONTR.MAN	JUBILE
ARH02	+ARMADA 100 S GALION	100 F	SOF	P.M.H.	BERGEN OZ
ARM02	+ARMADA 100 S MENTHOL	100 F	SOF	P.M.H.	BERGEN OZ
BAXGC	BARCLAY	KS F	BOX	BAT BENEL.	
BBACC	BARCLAY 100'S	100 F	BOX	BAT BENEL.	
BAFAC	BASTOS	REG F	SOF	CINTA	
BGFAC	BELGA	REG F	SOF	VANDER ELS	
BGEAC	BELGA EXTRA LEGERE	REG F	SOF	VANDER ELS	
BGCAC	BELGA ULTRA LEGERE	REG F	SOF	VANDER ELS	
BDOAC	BOULE D'OR LEGERE	REG F	SOF	ODON WARL.	
BOLAC	BOULE D'OR ULTRA LEGERE	REG F	SOF	ODON WARL.	
CABCC	CAMEL	KS F	BOX	GOSSET BE	
PR CBUAC	CAMEL 25 CIG.	KS F	BOX	REYNOLD NL	
CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
CER07	+CHESTER- FIELD NON FILTER	REG NF	SOF	CONTR.MAN	LAURENS
DHECC	DUNHILL SUPERIOR MILD	KS F	BOX	VANDER ELS	
GBAHC	GAULOISES BLONDES	KS F	BOX	S.E.I.T.A	
GBFBC	GAULOISES BLEU	REG F	SOF	CINTA	
PR GIWBC	GITANES BLONDES LEGERES	KS F	PRINC	CINTA	
PR GIXCC	GITANES BLONDES	KS F	PRINC	CINTA	

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
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BE BELGIUM

	KEKGC	KENT KING SIZE	KS F	BOX	LANDEWYCK	
	LMY01	+L & M	KS F	BOX	P.M.G.	MUNICH
	MLB15	+MARLBORO K.S.	KS F	BOX	P.M.B.	IXELLES
	MLB20	+MARLBORO KING SIZE	KS F	BOX	P.M.H.	BERGEN OZ
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	BERLIN
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
	MX06	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX01	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLH01	+MARLBORO 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MER20	+MERIT	KS F	BOX	P.M.H.	BERGEN OZ
	NLK05	+NORTH POLE MENTHOL	KS F	BOX	P.M.B.	IXELLES
	PSEDC	PETER STUYVESANT EXTRA M.	KS F	SOF	JUBILE BE	
	PSKDC	PETER STUYVESANT	KS F	SOF	JUBILE BE	
	PHS02	+PHILIP MORRIS 100 SUPER L.	100 F	BOX	P.M.H.	BERGEN OZ
	PML02	+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.B.	IXELLES
	PMS06	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.H.	BERGEN OZ
	PMU08	+PHILIP MORRIS ULTRA LGTS	KS F	BOX	P.M.G.	MUNICH
	RIDBC	RICHMOND	REG F	SOF	JUBILE BE	
	VAR05	+VISA ROUGE	REG F	SOF	CONTR.MAN	JUBILE
	VAV05	+VISA VERTE	REG F	SOF	CONTR.MAN	JUBILE
	WIBOC	WINSTON	KS F	BOX	GOSSET BE	

BG BULGARIA

	BTFAC	BT FILTER	KS F	BOX	BULGAR TAB	
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CJ CANARY ISLANDS

	FOK01	+FORTUNA	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
	FOT01	+FORTUNA	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
	FOL01	+FORTUNA LIGHTS	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
	LAB01	+LARK	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
	MLF32	+MARLBORO	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
	MLK35	+MARLBORO KING SIZE	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
	MLL12	+MARLBORO LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
	MLX10	+MARLBORO LIGHTS	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
	MEQ07	+MERIT	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
	SWE02	+SWING LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ

CC CORSICA

	MLB17	+MARLBORO KING SIZE	KS F	BOX	CONTR.MAN	MACOTAB
	MLX27	+MARLBORO LIGHTS	KS F	BOX	CONTR.MAN	MACOTAB
	MPH15	+MULTI- FILTER 100'S	100 F	SOF	P.M.G.	MUNICH
	PML04	+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	PMS01	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.G.	MUNICH

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
CY CYPRUS (GREEK PART)						
	BSF01	+BOND STREET	LS F	BOX	PM-BRAZIL	CURITIBA
	BSK02	+BOND STREET	KS F	SOF	PM-BRAZIL	CURITIBA
	LMH01	+L & M 100'S	100 F	SOF	PM-BRAZIL	CURITIBA
	MLX21	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
CS CZECHOSLOVAKIA						
	CCLAC	CLEA	KS F	SOF	CSTP	
	DICAC	DISCO	KS F	SOF	CSTP	
	MLK46	+MARLBORO	KS F	SOF	LICENSEE	KUTNA HORA
	MMAAC	MARS M 20	REG F	SOFT N	CSTP	
	MSDFC	MILDE SORTE	KS F	BOX	CSTP	
	PEAAC	PETRA	KS F	SOF	CSTP	
	SPBAC	SPARTA	KS F	SOF	CSTP	
	STZAC	START NON FILTER	REG NF	SOFT N	CSTP	
DK DENMARK						
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
	MLX05	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MHC06	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
	MIL02	+MILD	KS F	SOF	P.M.G.	MUNICH
EG EGYPT (UNITED ARAB REP.)						
	CLQBC	CLEOPATRA 100'S	100 F	SOF	EASTERN TO	
	KEHBC	KENT DE LUXE	100 F	SOF	EASTERN TO	
	LISAC	LITE	LS F	BOX	AL NASR	
	MLF51	+MARLBORO	LS F	BOX	LICENSEE	CAIRO TALB
	MLW01	+MARLBORO LIGHTS	LS F	BOX	LICENSEE	CAIRO TALB
	RTKNC	ROTHMANS	KS F	BOX	EASTERN TO	
	WIKRC	WINSTON	KS F	BOX	EASTERN TO	
SF FINLAND						
	BEL01	+BELMONT EXTRA MILD	KS F	BOX	LICENSEE	ATO HYRYLA
	BEK01	+BELMONT FILTER	KS F	BOX	LICENSEE	ATO HYRYLA
	BEI01	+BELMONT MENTHOL	KS F	BOX	LICENSEE	ATO HYRYLA
	BEJ01	+BELMONT ULTRA	KS F	BOX	LICENSEE	ATO HYRYLA
	BER01	+BELMONT 2002	KS F	BOX	LICENSEE	ATO HYRYLA
	BEU01	+BELMONT 2002 MENTHOL	KS F	BOX	LICENSEE	ATO HYRYLA
	LMK19	+L & M	KS F	SOF	LICENSEE	ATO HYRYLA
	LMD03	+L & M LIGHTS	KS F	BOX	LICENSEE	ATO HYRYLA
	LMU01	+L & M ULTRA LIGHTS	KS F	BOX	LICENSEE	ATO HYRYLA
	MLK48	+MARLBORO	KS F	BOX	LICENSEE	ATO HYRYLA
	MX10	+MARLBORO LIGHTS 100'S	100 F	BOX	LICENSEE	ATO HYRYLA

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
SF FINLAND						
	MLI06	+MARLBORO LIGHTS MENTHOL	KS F	BOX	LICENSEE	ATO HYRYLA
	MLL13	+MARLBORO LIGHTS	KS F	BOX	LICENSEE	ATO HYRYLA
	MKM01	+MARLBORO MENTHOL	KS F	SOF	LICENSEE	ATO HYRYLA
	MHC13	+MARLBORO 100'S	100 F	BOX	LICENSEE	ATO HYRYLA
	MPK02	+MULTI- FILTER	KS F	BOX	LICENSEE	ATO HYRYLA
FR FRANCE						
	ARH02	+ARMADA 100 S GALION	100 F	SOF	P.M.H.	BERGEN OZ
	ARM02	+ARMADA 100 S MENTHOL	100 F	SOF	P.M.H.	BERGEN OZ
PR	BBCAC	BASTOS INT. ULTRA LEGERES	KS F	PRINC	CINTA	
	BAB01	+BATTISTONI	KS F	BOX	P.M.G.	MUNICH
	CEF04	+CHESTER- FIELD FILTER	KS F	BOX	CONTR.MAN	LAURENS
	CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CEG12	+CHESTER- FIELD	KS F	BOX	P.M.H.	BERGEN OZ
	CEN02	+CHESTER- FIELD LIGHTS	KS F	BOX	P.M.G.	MUNICH
	FOR01	+FORTUNA	KS F	BOX	P.M.G.	MUNICH
PR	GAYAC	GAULOISES BLONDES ULT.LEGERE	KS F	BOX	S.E.I.T.A	
PR	GNXDC	GOLDEN AMERICAN	KS F	BOX	TURMAC INT	
	MLB15	+MARLBORO K.S.	KS F	BOX	P.M.B.	IXELLES
	MLB20	+MARLBORO KING SIZE	KS F	BOX	P.M.H.	BERGEN OZ
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	BERLIN
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
	MX06	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX01	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLI05	+MARLBORO MENTHOL LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLH01	+MARLBORO 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MER14	+MERIT	KS F	BOX	P.M.G.	MUNICH
	MPH15	+MULTI- FILTER 100'S	100 F	SOF	P.M.G.	MUNICH
	MAC14	+MURATTI AMBASSADOR EXTRA M.	KS F	BOX	P.M.B.	IXELLES
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES
	PHS02	+PHILIP MORRIS 100 SUPER L.	100 F	BOX	P.M.H.	BERGEN OZ
	PHU01	+PHILIP MORRIS 100 ULTRA L.	100 F	BOX	P.M.G.	MUNICH
	PMB03	+PHILIP MORRIS	KS F	BOX	P.M.G.	MUNICH
	PML04	+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	PMS01	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.G.	MUNICH
	PMU08	+PHILIP MORRIS ULTRA LGTS	KS F	BOX	P.M.G.	MUNICH
DB GERMANY						
	BNFMC	BENSON & HEDGES	KS F	BOX	BAT DB	
	CNGAC	CABINET WURZIG 100'S	100 F	BOX	REEMTSMA	
	CNJAC	CABINET WURZIG	KS F	BOX	REEMTSMA	
	CAKFC	CAMEL	KS F	BOX	REYNOLDS	
	CAMAC	CAMEL LIGHTS	KS F	BOX	REYNOLDS	
	CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CUBAC	CLUB	KS F	SOF	REYNOLDS	
	ERBAC	ERNTE 23	KS F	BOX	REEMTSMA	

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
DB GERMANY						
	EVL02	+EVE 120 LIGHTS	120 F	BOX	LICENSEE	MB BERLIN
	FFF01	+F 6	LS F	SOFT N	P.M.G.	DRESDEN
	FFG01	+F6 100'S	100 F	SOF	P.M.G.	DRESDEN
	GBAJC	GAULOISES BLONDES	KS F	BOX	BAT DB	
	GNXBC	GOLDEN AMERICAN	KS F	BOX	TURMAC INT	
	GOHAC	GOLDEN AMERICAN 100'S	100 F	BOX	BRINKMANN	
	HBKAC	HB	KS F	BOX	BAT DB	
	HBNAC	HB LIGHTS	KS F	BOX	BAT DB	
	JUW10	+JUWEL	LS F	SOFT N	P.M.G.	DRESDEN
	JUV01	+JUWEL 72	KS F		P.M.G.	DRESDEN
	KAF01	+KARO	KS F		P.M.G.	DRESDEN
	KAR02	+KARO	REG NF	SOFT N	P.M.G.	DRESDEN
	KIHAC	KIM	100 F	BOX	BAT DB	
	LMF04	+L & M	KS F	BOX	P.M.G.	MUNICH
	LMK07	+L & M	KS F	BOX	P.M.G.	BERLIN
	LMK07	+L & M	KS F	BOX	P.M.G.	MUNICH
	LMD01	+L & M LIGHTS	KS F	BOX	P.M.G.	MUNICH
	LMX01	+L & M 100 S	100 F	BOX	P.M.G.	BERLIN
	LDBAC	LORD EXTRA	KS F	BOX	BRINKMANN	
	LSBBC	LUCKY STRIKE	KS F	BOX	BAT DB	
	MLK37	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	BERLIN
	MLK37	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
	MHL01	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.G.	BERLIN
	MLX12	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	BERLIN
	MLX12	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLI01	+MARLBORO MENTHOL LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLN05	+MARLBORO MENTHOL	KS F	BOX	P.M.G.	BERLIN
	MLN05	+MARLBORO MENTHOL	KS F	BOX	P.M.G.	MUNICH
	MHC09	+MARLBORO 100'S	100 F	SOF	P.M.G.	BERLIN
	MER14	+MERIT	KS F	BOX	P.M.G.	MUNICH
PR	MOBAC	MONTE CARLO 100'S	100 F	SOF	REYNOLDS	
	MPI04	+MULTI DE LUXE	100 F	BOX	P.M.G.	MUNICH
	PBLAC	PALL MALL	KS F	BOX	BAT DB	
	PLC01	+PARLIAMENT LIGHTS 100'S	100 F	BOX	P.M.G.	MUNICH
	PSKBC	PETER STUYVESANT	KS F	BOX	REEMTSMA	
	PMT02	+PHILIP MORRIS LIGHT	KS F	BOX	P.M.G.	BERLIN
	PMU05	+PHILIP MORRIS ULTRA	KS F	BOX	P.M.G.	MUNICH
	PRDAC	PRINCE OF DENMARK	KS F	SOF	SKANDIN.T.	
	RMEAC	R 1	KS F	BOX	REEMTSMA	
	RMRAE	R6	KS F	BOX	REEMTSMA	
	WSTAC	WEST	KS F	BOX	REEMTSMA	
	WSXAC	WEST LIGHTS	KS F	BOX	REEMTSMA	
	WSSAC	WEST 100	100 F	SOF	REEMTSMA	
GR GREECE						
	LMY01	+L & M	KS F	BOX	P.M.G.	MUNICH
	MLK02	+MARLBORO KING SIZE	KS F	BOX	LICENSEE	PAP PIREUS
	MX12	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.G.	MUNICH

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
GR GREECE						
	MLX06	+MARLBORO LIGHTS	KS F	BOX	LICENSEE	PAP PIREUS
	MHC06	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
	MHC11	+MARLBORO 100'S	100 F	BOX	LICENSEE	PAP PIREUS
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES
	PMS06	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.H.	BERGEN OZ
GA GUINEA						
	CON01	+CONGRESS	LS F	BOX	PM-BRAZIL	CURITIBA
	LMN03	+L & M	LS F	BOX	PM-BRAZIL	CURITIBA
HU HUNGARY						
	MLK51	+MARLBORO	KS F	BOX	EGRI DOHAN	EGER
	MHX13	+MARLBORO LIGHTS 100'S	100 F	BOX	FTR-O	SERRIERES
	MLL14	+MARLBORO LIGHTS	KS F	SOF	EGRI DOHAN	EGER
	MLG04	+MARLBORO 100'S	100 F	BOX	EGRI DOHAN	EGER
	MPH19	+MULTI- FILTER 100'S	100 F	SOF	EGRI DOHAN	EGER
	MPM01	+MULTI- FILTER	KS F	SOF	EGRI DOHAN	EGER
	MAK05	+MURATTI AMBASSADOR KING SIZE	KS F	SOF	FTR-O	SERRIERES
EI IRELAND						
	RAH05	+RAFFLES 100'S	100 F	BOX	LICENSEE	CARROLL
IL ISRAEL						
	CAKOC	CAMEL	KS F	BOX	REYNOLDS	
IT ITALY						
	CAKIC	CAMEL	KS F	BOX	REYNOLDS	
	CCDAC	CAMEL EXTRA LIGHTS	KS F	BOX	REYNOLDS	
	CACBC	CAMEL LIGHTS	KS F	BOX	REYNOLDS	
	CBKAC	CAMEL LIGHTS 100'S	100 F	BOX	REYNOLDS	
	CASBC	CAMEL NON FILTER	REG NF	SOF	REYNOLDS	
	CPIDC	CAPRI	100 F	BOX	BAT DB	
	CPHAC	CAPRI MENTHOL	100 F	BOX	BAT DB	
	CPKAC	CAPRI SUPER- LEGGERA	100 F	BOX	BAT DB	
	CAIAC	CARTIER LUXURY MILD	100 F	PRINC	ROTHMANS	
	CBCAC	CARTIER VENDOME	100 F	BOX	ROTHMANS	
	CEG04	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CEN03	+CHESTER- FIELD LIGHTS	KS F	BOX	P.M.G.	MUNICH
	CTAAC	CORTINA ULTRA LIGHTS	KS F	BOX	BAT DB	
	DIK01	+DIANA	KS F	SOF	LICENSEE	MTI ROVERE

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
IT ITALY						
	DIK01	+DIANA	KS F	SOF	LICENSEE	MTI VERONA
	DIK01	+DIANA	KS F	SOF	LICENSEE	MTI MODENA
	DIS01	+DIANA SPECIALLY MILD	KS F	SOF	LICENSEE	MTI MODENA
	FUTAC	FUTURA	KS F	BOX	MONITAL	
	KIHBC	KIM LEGGERA	100 F	BOX	BAT DB	
	KIOAC	KIM SUPER- LEGGERA	100 F	BOX	B.A.T.	
	KIDAC	KIM ULTRA SLIM	100 F	BOX	BAT DB	
	LMK08	+L & M	KS F	BOX	P.M.G.	MUNICH
	LAG01	+LARK	KS F	BOX	P.M.G.	MUNICH
	LLOAC	LIDO TRIPLO FILTRO	KS F	SOF	MONITAL	
	LLBAC	LIDO BLU EXTRA MILD	KS F	BOX	MONITAL	
	LNLAC	LINDA LEGGERA	KS F	BOX	MONITAL	
	LNCAC	LINDA PLURI- FILTER	KS F	BOX	MONITAL	
	LSAAC	LUCKY STRIKE LIGHTS	KS F	BOX	B.A.T.	
	LSKAC	LUCKY STRIKE	KS F	BOX	B.A.T.	
	LSPAC	LUCKY STRIKE	REG NF	SOF	B.A.T.	
	MLB13	+MARLBORO K.S.	KS F	BOX	P.M.H.	BERGEN OZ
	MLB15	+MARLBORO K.S.	KS F	BOX	P.M.B.	IXELLES
	MLK01	+MARLBORO KING SIZE	KS F	SOF	LICENSEE	MTI BOLOGN
	MLK01	+MARLBORO KING SIZE	KS F	BOX	LICENSEE	MTI MODENA
	MLK30	+MARLBORO KING SIZE	KS F	SOF	P.M.G.	MUNICH
	MHX14	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX02	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLX05	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLH02	+MARLBORO 100'S	100 F	SOF	P.M.H.	BERGEN OZ
	MEK03	+MERCEDES	KS F	BOX	LICENSEE	MTI FIRENZ
	MED06	+MERCEDES SPECIALLY MILD	100 F	BOX	P.M.B.	IXELLES
	MER15	+MERIT	KS F	BOX	P.M.G.	MUNICH
	MER19	+MERIT	KS F	BOX	P.M.H.	BERGEN OZ
	MEG01	+MERIT ULTRA LGTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MEU03	+MERIT ULTRA LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MEH04	+MERIT 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MSDDC	MILDE SORTE	KS F	BOX	AUSTRIA T.	
	MSIAC	MS INTERNAT.	100 F	PRINC	MONITAL	
	MSSAC	MS KING SIZE	KS F	SOF	MONITAL	
	MSQAC	MS LIGHTS	KS F	BOX	MONITAL	
	MSNAC	MS MUNDIAL	KS F	BOX	MONITAL	
	MSVAC	MS EXTRALIGHTS	KS F	BOX	MONITAL	
	MRXBC	MS BLU	KS F	BOX	MONITAL	
	MSPAC	MS MILD	KS F	SOF	MONITAL	
	MSWAC	MS 100'S DE LUXE	100 F	BOX	MONITAL	
	MPD04	+MULTI- FILTER ULTRA LTS	100 F	BOX	P.M.G.	MUNICH
	MPH02	+MULTI- FILTER 100'S	100 F	SOF	P.M.H.	BERGEN OZ
	MPH11	+MULTI- FILTER 100'S	100 F	SOF	P.M.G.	MUNICH
	MPS02	+MULTI- FILTER 100'S E.L.	100 F	SOF	P.M.H.	BERGEN OZ
	MPS03	+MULTI- FILTER 100'S E.L.	100 F	SOF	P.M.G.	MUNICH
	MPT02	+MULTIFILT. LIGHTS 100'S	100 F	BOX	P.M.G.	MUNICH
	MAC12	+MURATTI AMBASSADOR EXTRA M.	KS F	BOX	P.M.H.	BERGEN OZ
	MAC14	+MURATTI AMBASSADOR EXTRA M.	KS F	BOX	P.M.B.	IXELLES
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
IT ITALY					
MAK01	+MURATTI AMBASSADOR KING SIZE	KS F	SOF	LICENSEE	MTI ROVERE
MAL01	+MURATTI AMBASSADOR ULTRA M.	KS F	BOX	P.M.H.	BERGEN OZ
MAL02	+MURATTI AMBASSADOR ULTRA M.	KS F	BOX	P.M.B.	IXELLES
NNFAC	N 80 FILTRO	KS F	SOF	MONITAL	
NAGAC	NAZIONALI	KS F	SOF	MONITAL	
NOQAC	NOW	KS F	BOX	REYNOLDS	
PHS01	+PHILIP MORRIS 100 SUPER L.	100 F	BOX	P.M.H.	BERGEN OZ
PHU02	+PHILIP MORRIS 100 ULTRA L.	100 F	BOX	P.M.G.	MUNICH
PMA03	+PHILIP MORRIS LGTS EXTRA	KS F	BOX	P.M.G.	MUNICH
PMB05	+PHILIP MORRIS	KS F	BOX	P.M.H.	BERGEN OZ
PME01	+PHILIP MORRIS LIGHTS	100 F	BOX	P.M.G.	MUNICH
PMQ01	+PHILIP MORRIS SUP. LIGHTS	100 F	BOX	P.M.G.	MUNICH
PMS07	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.H.	BERGEN OZ
PMU07	+PHILIP MORRIS ULTRA LGTS	KS F	BOX	P.M.G.	MUNICH
RAH05	+RAFFLES 100'S	100 F	BOX	LICENSEE	CARROLL
RTKPC	ROTHMANS KING SIZE	KS F	BOX	TURMAC INT	
RTZAC	ROTHMANS LEGGERA	100 F	BOX	TURMAC INT	
RTQCC	ROTHMANS SPECIAL	KS F	BOX	TURMAC INT	
RTEAC	ROTHMANS SUPER- LEGGERA	100 F	BOX	TURMAC INT	
RTWAC	ROTHMANS ULTRA- LEGGERA	100 F	BOX	TURMAC INT	
RMDBC	R1 SLIM LINE	100 F	BOX	REEMTSMA	
RMRBC	R6	KS F	BOX	REEMTSMA	
RMVBC	R6 ULTRA	KS F	BOX	REEMTSMA	
IC IVORY COAST					
MLF31	+MARLBORO	LS F	BOX	LICENSEE	SITAB
KW KUWAIT					
CON02	+CONGRESS	LS F	BOX	FTR-O	SERRIERES
COL01	+CONGRESS LIGHTS	LS F	BOX	FTR-O	SERRIERES
RL LEBANON					
CEDBC	CEDARS	100 F	SOF	MISCELLAN.	
CEH01	+CHESTER- FIELD 100'S	100 F	SOF	PMI US-EXP	RICHMOND
CEK11	+CHESTER- FIELD	KS F	SOF	PMI US-EXP	RICHMOND
LSKBC	LUCKY STRIKE	KS F	SOF	B.A.T.	
MLF49	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
MLX17	+MARLBORO LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND
VCXBC	VICEROY	LS F	BOX	BRWN+WILAM	
VCYDC	VICEROY KING SIZE	KS F	BOX	BRWN+WILAM	
WIKNC	WINSTON	KS F	SOF	REYNOLDS	
WIJAC	WINSTON LIGHTS 100'S	100 F	SOF	REYNOLDS	

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
MA MALTA						
	MLB24	+MARLBORO	KS F	BOX	LICENSEE	ATW MALTA
	MAK05	+MURATTI AMBASSADOR KING SIZE	KS F	SOF	FTR-O	SERRIERES
	PMS03	+PHILIP MORRIS SUPER L.	KS F	BOX	FTR-O	SERRIERES
MU MAURITANIA						
	LMN03	+L & M	LS F	BOX	PM-BRAZIL	CURITIBA
MO MOROCCO						
	BSNAC	BEST LUXURY BLEND	LS F	BOX	REGIE/MARO	
	CBEAC	CASA SPORTS NON FILTRE	REG NF	SOFT N	REGIE/MARO	
	CATAC	CASA SPORT OLYMPIC BLEUE	REG F	SOF	REGIE/MARO	
	MLF43	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
	MRQAC	MARQUISE	KS F	SOF	REGIE/MARO	
	MRWAC	MARVEL	KS F	SOF	REGIE/MARO	
	WIKIC	WINSTON	KS F	SOF	REYNOLDS	
NL NETHERLANDS						
	BEKAC	BELINDA	KS F	SOF	BAT NL	
	BEJAC	BELINDA SUPER KINGS	100 F	SOF	BAT NL	
	CBFAC	CABALLERO	KS F	SOF	LAURENS NL	
	CAKCC	CAMEL	KS F	SOF	REYNOLD NL	
	CAHDC	CAMEL MILD	KS F	BOX	REYNOLD NL	
	CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CER07	+CHESTER- FIELD NON FILTER	REG NF	SOF	CONTR.MAN	LAURENS
	DHFLC	DUNHILL	KS F	BOX	TURMAC INT	
	GBAGC	GAULOISES BLONDES	KS F	BOX	TURMAC INT	
	GMFAC	GLADSTONE MILD	KS F	SOF	BAT NL	
	HUK03	+HUNTER	KS NF	SOF	CONTR.MAN	JUBILE
	LMY01	+L & M	KS F	BOX	P.M.G.	MUNICH
	LSKEC	LUCKY STRIKE	KS F	BOX	BAT NL	
	MNFAC	MANTANO	KS F	SOF	BAT NL	
	MLB20	+MARLBORO KING SIZE	KS F	BOX	P.M.H.	BERGEN OZ
	MHX06	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX01	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLI05	+MARLBORO MENTHOL LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLN07	+MARLBORO MENTHOL	KS F	BOX	P.M.B.	IXELLES
	MLH01	+MARLBORO 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MEC03	+MERCEDES	KS F	SOF	CONTR.MAN	JUBILE
	MER20	+MERIT	KS F	BOX	P.M.H.	BERGEN OZ
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES
	PSECC	PETER STUYVESANT EXTRA M.	KS F	SOF	TURMAC INT	
	PSKAC	PETER STUYVESANT	KS F	SOF	TURMAC INT	
	PML02	+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.B.	IXELLES
	PMR03	+PHILIP MORRIS NON FILTER	REG NF	SOF	CONTR.MAN	JUBILE

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
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NL NETHERLANDS

PMS06	+PHILIP MORRIS SUPER L.	KS	F BOX	P.M.H.	BERGEN OZ
PMU08	+PHILIP MORRIS ULTRA LGTS	KS	F BOX	P.M.G.	MUNICH
RAH05	+RAFFLES 100'S	100	F BOX	LICENSEE	CARROLL
RMUAC	ROXY DUAL EXTRA LIGHT	KS	F SOF	NIEMEYER	
RODAC	ROXY DUAL MILD	KS	F SOF	NIEMEYER	
RUF04	+RUNNER	KS	F SOF	CONTR.MAN	JUBILE
RUM03	+RUNNER MENTHOL	KS	F SOF	CONTR.MAN	JUBILE
RUP03	+RUNNER NON-FILTER	KS	NF SOF	CONTR.MAN	JUBILE
TVNAC	TIVOLI VERY MILD	KS	F SOF	LAURENS NL	
WIKQC	WINSTON	KS	F BOX	REYNOLD NL	

WN NIGERIA

GRM01	+GREEN SPOT MENTHOL	LS	F SOF	P.M.N.	ILORIN
LIF01	+LINK	LS	F SOFT N	P.M.N.	ILORIN
LIP01	+LINK NON FILTER	LS	NF SOFT N	P.M.N.	ILORIN
TGF01	+TARGET	KS	F BOX	P.M.N.	ILORIN

NO NORWAY

BAXIC	BARCLAY	KS	F BOX	SUOMEN TUP	
BINAC	BILTMORE FULL FLAVOR	KS	F BOX	TIEDEMANN	
BIOAC	BILTMORE LIGHT	KS	F BOX	TIEDEMANN	
CARNC	CAMEL	KS	F BOX	REYNOLD CH	
CCDBC	CAMEL EXTRA LIGHTS	KS	F BOX	REYNOLD CH	
CAMEC	CAMEL LIGHTS	KS	F BOX	REYNOLD CH	
DHQBC	DUNHILL SPECIAL LIGHT	KS	F BOX	SULLANA	
LMO01	+L & M FULL FLAVOR	KS	F BOX	FTR-O	SERRIERES
LSBDC	LUCKY STRIKE	KS	F BOX	SUOMEN TUP	
MLK15	+MARLBORO KING SIZE	KS	F BOX	FTR-O	SERRIERES
MLY04	+MARLBORO LIGHTS	KS	F BOX	FTR-O	SERRIERES
MLI03	+MARLBORO MENTHOL LIGHTS	KS	F BOX	FTR-O	SERRIERES
MER13	+MERIT	KS	F BOX	FTR-O	SERRIERES
MEW01	+MERIT MENTHOL ULTRA L.	KS	F BOX	FTR-O	SERRIERES
PBEAC	PALL MALL EXTRA MILD	KS	F BOX	SUOMEN TUP	
PBMAC	PALL MALL MILD	KS	F BOX	SUOMEN TUP	
PMM04	+PHILIP MORRIS MULTIFILT.	KS	F BOX	FTR-O	SERRIERES
PCBAC	PRINCE	KS	F BOX	TIEDEMANN	
PCOAC	PRINCE EXTRA MILD	KS	F BOX	TIEDEMANN	
PCMAC	PRINCE MILD	KS	F BOX	TIEDEMANN	

PL POLAND

CON01	+CONGRESS	LS	F BOX	PM-BRAZIL	CURITIBA
LMK21	+L & M	KS	F BOX	FTR-O	SERRIERES
LMN03	+L & M	LS	F BOX	PM-BRAZIL	CURITIBA
MLK49	+MARLBORO KING SIZE	KS	F SOF	LICENSEE	KRAKOW

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
PO PORTUGAL					
MLX23	+MARLBORO LIGHTS	KS F	BOX	P.M.B.	IXELLES
QU QATAR					
JUBEC	JUBILEE	KS F	BOX	ROTHMANS	
RE REUNION					
MLB12	+MARLBORO KING SIZE	KS F	BOX	LICENSEE	CORETAB
SU RUSSIA					
BSK04	+BOND STREET	KS F	SOF	MASSALIN	MERLO
CON01	+CONGRESS	LS F	BOX	PM-BRAZIL	CURITIBA
LMN03	+L & M	LS F	BOX	PM-BRAZIL	CURITIBA
MLX30	+MARLBORO LIGHTS	KS F	BOX	FTR-O	SERRIERES
SI SAUDI ARABIA					
BAXHC	BARCLAY	KS F	BOX	BRWN+WILAM	
BBNHC	BARCLAY ULTRA LIGHTS	KS F	BOX	BRWN+WILAM	
BBABC	BARCLAY 100'S	100 F	BOX	BRWN+WILAM	
BNFEC	BENSON & HEDGES SPECIAL F.	KS F	BOX	GALLAHER	
CAYAC	CARLTON 100'S	100 F	BOX	AMERICAN T	
CBCHC	CARTIER VENDOME LIGHTS	100 F	BOX	ROTHMANS	
CHOAC	CHAMPION MILD MENTHOL	KS F	SOF	FORTUNE TO	
CLPDC	CLEOPATRA	KS F	SOF	EASTERN TO	
CLQCC	CLEOPATRA 100'S	100 F	SOF	EASTERN TO	
DHFC	DUNHILL	KS F	BOX	ROTHMANS	
DHQCC	DUNHILL SPECIAL LIGHTS	KS F	BOX	ROTHMANS	
GAEAC	GALLANT EXPORT	KS F	BOX	BURRUS CH	
GACAC	GALLANT MILD	KS F	BOX	BURRUS CH	
GOZCC	GOLD COAST	LS F	BOX	REYNOLDS	
GLYAC	GOLD COAST LIGHTS	LS F	BOX	REYNOLD CH	
GPAAC	GOLD COAST ULTRA LIGHTS	LS F	BOX	REYNOLDS	
HORAC	HOPE 100'S MENTHOL	100 F	SOF	FORTUNE TO	
KAMAC	KAMARAN	KS F	BOX	N T M C	
KEKHC	KENT KING SIZE	KS F	BOX	LORILLARD	
KEDDC	KENT LIGHTS DE LUXE	100 F	SOF	BRWN+WILAM	
LMB16	+L & M	LS F	BOX	PMI US-EXP	RICHMOND
LMA01	+L & M LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND
LMM01	+L & M MENTHOL LONGS	100 F	SOF	PMI US-EXP	RICHMOND
LODCC	LONDON	KS F	BOX	ST PAUL'S	
MLF28	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
MLK36	+MARLBORO KING SIZE	KS F	SOF	PMI US-EXP	RICHMOND
MLX04	+MARLBORO LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
SI SAUDI ARABIA					
MLH08	+MARLBORO 100'S	100 F	SOF	PMI US-EXP	RICHMOND
MER22	+MERIT KING SIZE	KS F	BOX	PMI US-EXP	RICHMOND
MEZ02	+MERIT ULTRA LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND
MISAC	MILD SEVEN CHARCOAL	KS F	BOX	JAPAN MONP	
PGLAC	PLAYER'S GOLD LEAF	KS F	BOX	B.A.T.	
RGLAC	REGAL LOW TAR	KS F	BOX	IMPERIAL T	
RTKFC	ROTHMANS	KS F	BOX	ROTHMANS	
RTYBC	ROTHMANS LIGHTS	KS F	BOX	ROTHMANS	
SIJIC	SILK CUT EXTRA MILD	KS F	BOX	GALLAHER	
SHKAC	SILK CUT SUPER LOW	KS F	BOX	GALLAHER	
SIFEC	SILK CUT ULTRA LOW TAR	KS F	BOX	GALLAHER	
VCYBC	VICEROY	KS F	BOX	BRWN+WILAM	
VCPAC	VICEROY LIGHTS	KS F	BOX	BRWN+WILAM	
VAF02	+VISA	LS F	BOX	FTR-O	SERRIERES
VAL02	+VISA LIGHTS	LS F	BOX	FTR-O	SERRIERES
WIKRC	WINSTON KING SIZE	KS F	SOF	REYNOLDS	
SN SENEGAL					
MLF47	+MARLBORO	LS F	BOX	LICENSEE	M T O A
ES SPAIN					
CEB08	+CHESTER- FIELD	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
CEK08	+CHESTER- FIELD	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
CEL02	+CHESTER- FIELD LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
CER08	+CHESTER- FIELD NON FILTER	REG NF	SOF	P.M.ESPANA	PM ST-CRUZ
LAB03	+LARK	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLF55	+MARLBORO	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLF62	+MARLBORO	LS F	BOX	LICENSEE	TABACA LOG
MLK45	+MARLBORO KING SIZE	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
MLL10	+MARLBORO LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLX18	+MARLBORO LIGHTS	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
MEQ05	+MERIT	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MT SULTANATE OF OMAN					
CBBBC	CAPSTAN	KS F	BOX	B.A.T.	
STBIC	555 STATE EXPRESS	KS F	BOX	B.A.T.	
SW SWEDEN					
BAXFC	BARCLAY	KS F	BOX	SWEDISH TO	
BLDAC	BLEND	LS F	BOX	SWEDISH TO	
BLEAC	BLEND EXTRA	LS F	BOX	SWEDISH TO	
BLRAC	BLEND SUPERLONG	100 F	BOX	SWEDISH TO	

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
SW SWEDEN						
	BLGAC	BLEND ULTRA	LS F	BOX	SWEDISH TO	
	BLIAC	BLEND ULTRA MENTHOL	LS F	BOX	SWEDISH TO	
	BLKAC	BLEND ULTIMA	LS F	BOX	SWEDISH TO	
	BDR01	+BOND	LS F	BOX	FTR-O	ONNENS
	BDY01	+BOND MILD	LS F	BOX	FTR-O	ONNENS
	BDN01	+BOND ULTRA MILD MENTHOL	LS F	BOX	FTR-O	ONNENS
	BDU01	+BOND ULTRA MILD	LS F	BOX	FTR-O	ONNENS
	CABKC	CAMEL	LS F	BOX	REYNOLD CH	
	CCHBC	CAMEL EXTRA LIGHTS	LS F	BOX	REYNOLDS	
	CACEC	CAMEL LIGHTS	LS F	BOX	REYNOLD CH	
	CRM02	+CHECKER MENTHOL	LS F	BOX	FTR-O	ONNENS
	CEK04	+CHESTER- FIELD NON FILTER	KS NF	SOF	LICENSEE	ATO HYRYLA
	MLE01	+MARLBORO	LS F	BOX	FTR-O	SERRIERES
	MLK15	+MARLBORO KING SIZE	KS F	BOX	FTR-O	SERRIERES
	MLY04	+MARLBORO LIGHTS	KS F	BOX	FTR-O	SERRIERES
	MLI03	+MARLBORO MENTHOL LIGHTS	KS F	BOX	FTR-O	SERRIERES
	MLH04	+MARLBORO 100'S	100 F	BOX	FTR-O	SERRIERES
	MER13	+MERIT	KS F	BOX	FTR-O	SERRIERES
	PML03	+PHILIP MORRIS LIGHTS	KS F	BOX	FTR-O	SERRIERES
	PMM04	+PHILIP MORRIS MULTIFILT.	KS F	BOX	FTR-O	SERRIERES
	PCBBC	PRINCE	LS F	BOX	SWEDISH TO	
	PCFBC	PRINCE	KS F	SOF	SWEDISH TO	
	PCRAC	PRINCE EXTRA LIGHTS	LS F	BOX	SWEDISH TO	
	PCGAC	PRINCE LIGHTS	KS F	SOF	SWEDISH TO	
	PCKAC	PRINCE LIGHTS	LS F	BOX	SWEDISH TO	
CH SWITZERLAND						
	ALF01	+ARLETTE	LS F	SOFT N	FTR-O	SERRIERES
	BAXBC	BARCLAY	KS F	BOX	BAT	CH
	BBNAC	BARCLAY ULTRA LIGHTS	KS F	BOX	BAT	CH
	BBAAC	BARCLAY 100'S	100 F	BOX	BAT	CH
	BRF02	+BRUNETTE	LS F	SOFT N	FTR-O	SERRIERES
	BRP01	+BRUNETTE	LS NF	SOFT N	FTR-O	ONNENS
	BRD01	+BRUNETTE DOUBLE FILTRE	LS F	SOFT N	FTR-O	SERRIERES
	BRM01	+BRUNETTE DOUCE	LS F	SOFT N	FTR-O	ONNENS
	BRE01	+BRUNETTE EXTRA	LS F	SOFT N	FTR-O	SERRIERES
	BRU01	+BRUNETTE ULTRA	LS F	SOFT N	FTR-O	ONNENS
	CAKBC	CAMEL	KS F	SOF	REYNOLD CH	
	CACAC	CAMEL LIGHTS	KS F	BOX	REYNOLD CH	
	BYDBC	CAMEL 100'S	100 F	BOX	REYNOLD CH	
	CAHBC	CAMEL MILD	KS F	BOX	REYNOLD CH	
PR	CCPAC	CARTIER VENDOME ULTRA LGTS	100 F	BOX	SULLANA	
	CHF01	+CHAMPION	LS F	SOF	FTR-O	ONNENS
	CEG14	+CHESTER- FIELD	KS F	BOX	FTR-O	SERRIERES
	CEN01	+CHESTER- FIELD LIGHTS	KS F	BOX	FTR-O	SERRIERES
	DIK04	+DIANA	KS F	SOF	FTR-O	SERRIERES
	DHVDC	DUNHILL INTERNAT.	100 F	PRINC	SULLANA	
	EVR01	+EVE 100'S	100 F	SOF	PMI US-EXP	RICHMOND

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
CH SWITZERLAND						
EVL03		+EVE 120'S	120 F	BOX	PMI US-EXP	RICHMOND
FLI02		+FLINT	LS F	SOFT N	FTR-O	SERRIERES
FLL02		+FLINT ULTRA	LS F	SOFT N	FTR-O	ONNENS
FLT02		+FLINT NO.3	LS F	SOFT N	FTR-O	ONNENS
GAZEC		GAULOISES BLONDES LEGERES	KS F	BOX	RINSOZ & O	
GBACC		GAULOISES BLONDES	KS F	BOX	RINSOZ & O	
GBSCC		GAULOISES BLEU NON FILTRE	REG NF	SOFT N	RINSOZ & O	
GJFAC		GAULOISES JAUNE	REG F	SOFT N	RINSOZ & O	
LMO01		+L & M FULL FLAVOR	KS F	BOX	FTR-O	SERRIERES
LAG01		+LARK	KS F	BOX	P.M.G.	MUNICH
LSBEC		LUCKY STRIKE	KS F	BOX	BAT	CH
LSMAC		LUCKY STRIKE MILD	KS F	BOX	BAT	CH
MLK15		+MARLBORO KING SIZE	KS F	BOX	FTR-O	SERRIERES
MX13		+MARLBORO LIGHTS 100'S	100 F	BOX	FTR-O	SERRIERES
MLX30		+MARLBORO LIGHTS	KS F	BOX	FTR-O	SERRIERES
MLI02		+MARLBORO MENTHOL LIGHTS	KS F	BOX	FTR-O	SERRIERES
MLH04		+MARLBORO 100'S	100 F	BOX	FTR-O	SERRIERES
MCLBC		MAROCAINE AROMA MILD	LS F	SOFT N	BAT	CH
MCEAC		MAROCAINE EXTRA	LS F	SOFT N	BAT	CH
MCSAC		MAROCAINE SUPER	LS F	SOFT N	BAT	CH
MYGAC		MARYLONG	LS F	SOFT N	BAT	CH
MYAAC		MARYLONG DOUCE	LS F	SOFT N	BAT	CH
MYHAC		MARYLONG DOUBLE FILTRE	LS F	SOFT N	BAT	CH
MYCAC		MARYLONG EXTRA	LS F	SOFT N	BAT	CH
MYBAC		MARYLONG NO 1	LS F	SOFT N	BAT	CH
MEK04		+MERCEDES	KS F	SOF	FTR-O	SERRIERES
MER13		+MERIT	KS F	BOX	FTR-O	SERRIERES
MEZ03		+MERIT ULTRA LIGHTS	KS F	BOX	FTR-O	SERRIERES
MSK01		+MS	KS F	SOF	FTR-O	SERRIERES
MPH13		+MULTI- FILTER 100'S	100 F	SOF	FTR-O	SERRIERES
MPS06		+MULTI- FILTER 100'S E.L.	100 F	SOF	FTR-O	SERRIERES
MAK08		+MURATTI AMBASSADOR KING SIZE	KS F	SOF	FTR-O	SERRIERES
MAG02		+MURATTI EXTRA	KS F	BOX	FTR-O	SERRIERES
MAT01		+MURATTI EXTRA 100'S	100 F	BOX	FTR-O	SERRIERES
MAO01		+MURATTI LIGHTS	KS F	BOX	FTR-O	SERRIERES
MAB01		+MURATTI 2000	KS F	BOX	FTR-O	SERRIERES
MAH01		+MURATTI 2000 EXTRA LONGS	100 F	BOX	FTR-O	SERRIERES
NPF01		+NORTH POLE MENTHOL	LS F	SOF	FTR-O	SERRIERES
PAUAC		PARISIENNE EXTRA	KS F	SOF	BURRUS	CH
PAGAC		PARISIENNE MILD	KS F	SOF	BURRUS	CH
PASAC		PARISIENNE SUPER	KS F	SOF	BURRUS	CH
PATAC		PARISIENNE SPECIAL FILTRE	KS F	SOF	BURRUS	CH
PLL02		+PARLIAMENT	LS F	BOX	PMI US-EXP	RICHMOND
PLL03		+PARLIAMENT 100'S	100 F	SOF	PMI US-EXP	RICHMOND
PHS05		+PHILIP MORRIS 100 SUPER L.	100 F	BOX	FTR-O	SERRIERES
PHU03		+PHILIP MORRIS ULTRA LGTS	100 F	BOX	FTR-O	SERRIERES
PMK03		+PHILIP MORRIS NON FILTER	KS NF	SOF	FTR-O	SERRIERES
PMS03		+PHILIP MORRIS SUPER L.	KS F	BOX	FTR-O	SERRIERES
PMU06		+PHILIP MORRIS ULTRA LGTS	KS F	BOX	FTR-O	SERRIERES
RAH05		+RAFFLES 100'S	100 F	BOX	LICENSEE	CARROLL

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
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CH SWITZERLAND

REF02	+REGENT	KS F	SOF	FTR-O	SERRIERES
RMQAC	R6	KS F	BOX	REEMTSM.CH	
RMVCC	R6 ULTRA	KS F	BOX	REEMTSM.CH	
SAR01	+SARATOGA 120'S	120 F	BOX	PMI US-EXP	RICHMOND
SELAC	SELECT	KS F	SOF	BURRUS CH	
SEKAC	SELECT LIGHTS	KS F	SOF	BURRUS CH	
SEIAC	SELECT ULTRA	KS F	SOF	BURRUS CH	
STA04	+STAR	KS F	BOX	FTR-O	SERRIERES
VIT01	+VIRGINIA SLIMS LIGHTS	100 F	BOX	PMI US-EXP	RICHMOND
WSUEC	WEST	KS F	BOX	REEMTSM.CH	
WIBKC	WINSTON	KS F	BOX	REYNOLD CH	

TN TUNISIA

BOEAC	BOUSSETTA	REG NF	SOFT N	RNTA	
CRTAC	CRISTAL	KS F	SOF	BULGAR TAB	
ELKAC	EL KHADRA	REG F	SOFT N	RNTA	
LAH02	+LARK 100'S	100 F	SOF	PMI US-EXP	RICHMOND
MLF54	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
ROQAC	ROYALE EXTRA LONGUE	100 F	SOF	S.E.I.T.A	
MBGAC	20 MARS	KS F	SOF	RNTA	
MAQAC	20 MARS INTERNAT.	LS F	BOX	RNTA	

GB UNITED KINGDOM

MLB25	+MARLBORO KING SIZE	KS F	BOX	P.M.B.	IXELLES
MHX15	+MARLBORO LIGHTS 100'S	100 F		P.M.G.	MUNICH
MLX31	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
MLX32	+MARLBORO LIGHTS	KS F	BOX	P.M.B.	IXELLES
MHC04	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
RAH05	+RAFFLES 100'S	100 F	BOX	LICENSEE	ROTHMANS D

YU YUGOSLAVIA

BSK01	+BOND STREET	KS F	SOF	LICENSEE	SARAJEVO
CEG15	+CHESTER- FIELD	KS F	BOX	FTR-O	SERRIERES
MLK05	+MARLBORO KING SIZE	KS F	SOF	LICENSEE	SARAJEVO

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LISTING OF THE BRANDS

REGARDING THE OVERALL LISTING OF THE INFORMATION CONTAINED IN THE CIR, REFER TO THE YELLOW PAGES AT THE END OF THIS REPORT (LIST OF COUNTRIES OF SALE AND ALPHABETICAL INDEX OF THE BRANDS).

A BRAND MAY BE SOLD IN SEVERAL COUNTRIES. IN THIS CASE, THE CIR ONLY MENTIONS THE MOST IMPORTANT ONES UNDER THE BRAND CONCERNED.

EXEMPLE MLK15, MANUFACTURED BY FTR, APPEARS UNDER SWITZERLAND SWEDEN AND NORWAY WHEREAS THE SAME CIGARETTE IS ALSO SOLD IN LYBIA

HOWEVER, SOME PM AND COMPETITORS' BRANDS, WHICH ARE OF IMPORTANCE IN MORE THAN ONE COUNTRY OF SALE, ARE MENTIONED UNDER MORE THAN ONE COUNTRY OF SALE. THESE BRANDS ARE LISTED BELOW IN ALPHABETICAL ORDER ACCORDING TO THEIR BRAND NAME.

							COUNTRIES			
CODE	BRAND NAME			SIZE	MANUFACT.	PROD.CENTER	OF SALE			
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ARH02	+ARMADA	100 S	GALION	100 F	P.M.H.	BERGEN OZ	BE	FR		
ARM02	+ARMADA	100 S	MENTHOL	100 F	P.M.H.	BERGEN OZ	BE	FR		
CEG06	+CHESTER-	FIELD		KS F	P.M.G.	MUNICH	AU	BE	FR	NL
										DB
CEB09	+CHESTER-	FIELD	FILTER	LS F	PM-BRAZIL	CURITIBA	RL	CY		
CER07	+CHESTER-	FIELD	NON FILTER	REG NF	CONTR.MAN	LAURENS	NL	BE		
CEK06	+CHESTER-	FIELD KS	NON FILTER	KS NF	CONTR.MAN	LAURENS	FR	IT		
CON01	+CONGRESS			LS F	PM-BRAZIL	CURITIBA	GA	PL	SU	
LMB18	+L & M			LS F	FTR-O	SERRIERES	SU	RU		
LMN03	+L & M			LS F	PM-BRAZIL	CURITIBA	MU	GA	PL	SU
LMY01	+L & M			KS F	P.M.G.	MUNICH	NL	BE	GR	
LMO01	+L & M	FULL	FLAVOR	KS F	FTR-O	SERRIERES	CH	NO		
LMK20	+L & M	KING SIZE		KS F	PM-BRAZIL	CURITIBA	CY	PL		
LAG01	+LARK			KS F	P.M.G.	MUNICH	IT	CH		
MLB15	+MARLBORO	K.S.		KS F	P.M.B.	IXELLES	FR	BE	IT	
MLB20	+MARLBORO	KING SIZE		KS F	P.M.H.	BERGEN OZ	FR	NL	BE	
MLK15	+MARLBORO	KING SIZE		KS F	FTR-O	SERRIERES	CH	NO	SW	
MLK40	+MARLBORO	KING SIZE		KS F	P.M.G.	BERLIN	FR	BE		
MLK40	+MARLBORO	KING SIZE		KS F	P.M.G.	MUNICH	FR	BE	DK	
MLX01	+MARLBORO	LIGHTS		KS F	P.M.H.	BERGEN OZ	FR	BE	NL	
MLX05	+MARLBORO	LIGHTS		KS F	P.M.G.	MUNICH	DK	IT		
MLX30	+MARLBORO	LIGHTS		KS F	FTR-O	SERRIERES	CH	SU		
MLY04	+MARLBORO	LIGHTS		KS F	FTR-O	SERRIERES	SW	NO		
MHX06	+MARLBORO	LIGHTS	100'S	100 F	P.M.H.	BERGEN OZ	NL	BE	FR	
MHX13	+MARLBORO	LIGHTS	100'S	100 F	FTR-O	SERRIERES	CH	HU		
MLI03	+MARLBORO	MENTHOL	LIGHTS	KS F	FTR-O	SERRIERES	NO	SW		
MLI05	+MARLBORO	MENTHOL	LIGHTS	KS F	P.M.G.	MUNICH	FR	NL		
MHC06	+MARLBORO	100'S		100 F	P.M.G.	MUNICH	DK	GR	AU	
MLH01	+MARLBORO	100'S		100 F	P.M.H.	BERGEN OZ	FR	BE	NL	
MLH04	+MARLBORO	100'S		100 F	FTR-O	SERRIERES	CH	SW		
MER13	+MERIT			KS F	FTR-O	SERRIERES	CH	NO	SW	
MER14	+MERIT			KS F	P.M.G.	MUNICH	DB	FR		
MER20	+MERIT			KS F	P.M.H.	BERGEN OZ	BE	NL		

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LISTING OF THE BRANDS

CODE	BRAND NAME	SIZE	MANUFACT.	PROD.CENTER	COUNTRIES OF SALE
MPH15	+MULTI- FILTER	100'S	100 F P.M.G.	MUNICH	FR CC
MAJ03	+MURATTI AMBASSADOR	KS	F P.M.B.	IXELLES	FR NL IT GR
MAC14	+MURATTI AMBASSADOR EXTRA M.	KS	F P.M.B.	IXELLES	FR IT
MAK05	+MURATTI AMBASSADOR KING SIZE	KS	F FTR-O	SERRIERES	MA HU
PML02	+PHILIP MORRIS LIGHTS	KS	F P.M.B.	IXELLES	BE NL
PML04	+PHILIP MORRIS LIGHTS	KS	F P.M.H.	BERGEN OZ	FR CC
PMM04	+PHILIP MORRIS MULTIFILT.	KS	F FTR-O	SERRIERES	NO SW
PMS01	+PHILIP MORRIS SUPER L.	KS	F P.M.G.	MUNICH	FR CC
PMS03	+PHILIP MORRIS SUPER L.	KS	F FTR-O	SERRIERES	CH MA
PMS06	+PHILIP MORRIS SUPER L.	KS	F P.M.H.	BERGEN OZ	NL BE GR
PMS09	+PHILIP MORRIS SUPER L.	KS	F FTR-O	SERRIERES	SI KW
PMU08	+PHILIP MORRIS ULTRA LGTS	KS	F P.M.G.	MUNICH	FR NL BE
PHS02	+PHILIP MORRIS 100 SUPER L.	100	F P.M.H.	BERGEN OZ	FR BE
RAH05	+RAFFLES 100'S	100	F LICENSEE	CARROLL	NL CH IT EI

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ABBREVIATIONS USED IN THE C. I. R.

ALPHABETICAL ORDER

A		K		S	
AC	Activated Charcoal	KM	Kilometer	S	Single
ACRE	Activated Charcoal and Regenerated Earth	KS	King Size (approx. 85 mm)	SBP	Solid Bleached Pulp (HL packs)
				SCS	Single Cross fibres with hole at mouth end
				SEC	Second
B		L		SN	Smoke Nicotine
BE	Beige	LPM	Laser Perforation on the Maker	Soft N	Soft, no overwrap
BR	Brown	LPS	Laser Perforation by the Supplier	Soft+O	Soft, with overwrap
BK	Black	LS	Long Size (approx. 80 mm)	SR	Silver
BL	Blue	LTK	Longer than King Size (approx. 90 mm)	SS +O	Shell/Slide, with overwrap
		LZ	Laser-perforated line(s) along the cigarette	SS N	Shell/Slide, no overwrap
C				SH+Var	Shoulder, Various cardboard
CA	Cellulose Acetate			SWR	Single White Recessed
CAP	Cellulose Acetate and Paper			T	
CBMP	Composed Bleached Mechanical Pulp (HL packs)			TAR	Tar (TPM - H ₂ O - SN)
CO	Carbon monoxide			TPM	Total Particulate Matter
		M		T	Triple
D		MCD	Multi-coloured	U	
D	Dual	MG	Milligram		
DPM	Dry Particulate Matter	MIN	Minute	V	
DR	Double Recessed	ML	Milliliter	VT	Violet
		MLPM	Micro-laser Perforation on the Maker	VZ	Ventilation Zone: 1-4 circular perforation lines, usually near the filter
		MLPS	Micro-laser Perforation by the supplier		
E		MM	Millimeter		
EP	Electrically-Perforated	MP	Mechanically-Perforated		
EPZ	Electrically-Perforated Zone	MPM	Mechanically-Perforated on the maker		
EPLZ	EP and LZ combined	MPS	Mechanically-Perforated by the supplier	W	
		M2	Square meter	WH	White
F		MLPS/ M	MLPS and MLPM combined		
F	Filter	MSLP	Micro-Spray Laser Perforation by the Supplier	X	
FA	Filter Additive	N			
FD	Dual Flush Fluted	NF	Non-Filter (plain)		
FFS	Single Flush Fluted	NO	Nitrogen monoxide	Y	
FM	Filter Material	NWA	Non-Wrapped filter rod	YW	Yellow
		No.	Number		
		O			
G		OR	Orange	Z	
G	Gram	O.V.	Oven Volatiles		
GD	Gold				
GN	Green	P			
GR	Grey	P	Paper		
H		PFC	Single, short fibres		
HGF	Double cross fibre, with normal appearance at mouth end	PG	Polygel		
H ₂ O	Water	PK	Pink		
HL	Hinge Lid	POR	Porous		
		PR	Product Report		
I/ J		PSP	Plug Space Plug		
IC	Imitation Cork	Princ	Princess HL		
ICD	Imitation Cork with Decoration (eg. circular gold lines)	Q			
		R			
		RD	Red		
		RE	Regenerated Earth		
		REG	Regular size (approx. 70 mm)		
		RTD	Resistance to Draw		

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ABBREVIATIONS USED IN THE C. I. R.

LOGICAL ORDER

CRITERIA ANALYSED

CO Carbon monoxide
 DPM Dry Particulate Matter
 H₂O Water
 NO Nitrogen monoxide
 O.V. Oven Volatiles
 RTD Resistance to Draw
 SN Smoke Nicotine
 TAR Tar = (TPM - H₂O - SN)
 TPM Total Particulate Matter

UNITS

g Gram
 km Kilometer
 mg Milligram
 min Minute
 ml Milliliter
 mm Millimeter
 m² Square meter
 sec Second
 No. Number

CIGARETTE TYPES

F Filter
 KS King Size (approx. 85 mm)
 LS Long Size (approx. 80 mm)
 LTK Longer than King Size (approx. 90 mm)
 NF Non-Filter (plain)
 REG Regular size (approx. 70 mm)

PACKET TYPES

Soft N Soft, no overwrap
 Soft+0 Soft, with overwrap
 SS +0 Shell/Slide, with overwrap
 SS N Shell/Slide, no overwrap
 HL Hinge Lid
 Princ Princess HL
 SH+Var Shoulder, Various cardboard

VENTILATION SYSTEM (cig. paper)
(criterion 28, 4 pos.)

EP Electrically-Perforated
 MP Mechanically-Perforated
 LZ Laser-perforated line(s) along the cigarette
 VZ Ventilation Zone: 1-4 circular perforation lines, usually near the filter
 EPLZ EP and LZ combined

FILTER TYPE
(Criterion 59, 8 pos.)

D Dual
 DR Double Recessed
 FFD Dual Flush Fluted
 FFT Triple Flush Fluted
 FFS Single Flush Fluted
 HGF Double cross fibre, with normal appearance at mouth end
 NWA Non-Wrapped filter rod
 PFC Single short fibres
 PSP Plug Space Plug
 S Single
 SCS Single Cross fibre with hole at mouth end
 SWR Single White Recessed
 T Triple

TIPPING PAPER TYPE
(Criterion 55, 8 pos.)

IC Imitation cork
 ICD Imitation cork with decoration (eg. circular gold lines)
 BK Black
 BR Brown
 RD Red
 PK Pink
 YW Yellow
 GN Green
 VT Violet
 BL Blue
 GR Grey
 WH White
 GD Gold
 SR Silver
 OR Orange
 BE Beige

Each line smaller than 5 mm wide will be considered as a decoration.
 If the name of the brand is indicated on the tipping, the letter L will be added to the abbreviations.
 eg. WHGRDL: White - Grey + Decoration + letters
 WHD: White + Decoration

ADDITIVE TYPE (FILTER)
(Criterion 63, 8 pos.)

AC Activated Charcoal
 ACRE Activated Charcoal and Regenerated Earth
 PG Polygel
 RE Regenerated Earth

VARIOUS

PR Product Report
 FM Filter Material
 FA Filter Additive

FILTER MATERIAL
(Criterion 60, 4 pos.)

CA Cellulose Acetate
 CAP Cellulose Acetate and Paper
 P Paper

SIGNS

+ PM brand
 = PME specification
 () Converted value
 * Comments
 ** Number printed on the packet
 < Smaller than
 > Greater than

TIPPING PERFORATION TYPE
(Criterion 18, 8 pos.)

EPZ Electrically-Perforated Zone
 MPM Mechanically-Perforated on the Maker
 MPS Mechanically-Perforated by the Supplier
 LPM Laser Perforation on the Maker
 LPS Laser Perforation by the Supplier
 MLPM Micro-Laser Perforation on the Maker (the length of one hole is smaller than 0.5 mm)
 MLPS Micro-Laser Perforation by the Supplier (the length of one hole is smaller than 0.5 mm)
 POR Porous
 MLPS/M MLPS and MLPM combined
 MSLP Micro-Spray Laser Perforation by the Supplier

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